

HITACHI

SERVICE MANUAL

YK

No.020E

42PD8800TA(PW3)
32LD8800TA(PW3L)



LCD



PDP

Caution

Be sure to read this manual before servicing. To assure safety from fire, electric shock, injury, harmful radiation and materials, various measures are provided in this HITACHI display.

Be sure to read cautionary items described in the manual to maintain safety before servicing.

Service Warning

1. Since Panel Module and front Filter are made of glass, handling the broken Module and Filter shall be taken care sufficiently in order not to be injured.
2. Replacing work shall be started after the Panel Module and the AC/DC Power supply become sufficiently cool.
3. Special care shall be taken to the display area in order not to damage its surface.
4. The Panel Module shall not be touched with bare hand to protect its surface from stains.
5. It is recommended to use clean soft gloves during the replacing work in order to protect not only the display area of the Panel Module but also a serviceman himself.
6. The Chip Tube of Panel Module (located upper left of the back and surrounded by frame) and flexible cables connecting Panel glasses to drive circuit PWBs are very weak, so shall be taken care sufficiently not to break. If you break Chip Tube, the Panel doesn't display anything forever.

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SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT.

Plasma Display



November 2005 Digital Media Division

CAUTION FOR SAFETY





Please read this page before repair the monitor.








This page explains to following items for keep the safety of set and prevent to accident during repair work.

● We explain by symbol at happen the damage or injury when took wrong repair.

 Warning	This symbol means "possible to die or heavy damage"
 Caution	This symbol means "possible to damage or something will break"

● We made the symbol as below, which are kind of following items.

 This symbol means "CAUTION"	 This symbol means "MUST"
 This symbol means "POSSIBLE to ELECTRIC SHOCK"	 This symbol means "DO NOT"

 WARNING	
<p>■ Should be follows to instructions.</p> <p> We indicates to cabinet, chassis and parts by label, which are special attention part. Please follow to note and [Safety Instructions] of User's Manual.</p>	<p>■ Should be kept same style of wiring or component.</p> <p> Monitor uses tubes or tapes, which made by insulator, and some components are keep distance from surface of PWB for safety.</p>
<p>■ Prevent the electric shock.</p> <p> Please take care during working because monitor has high voltage part and power supply part.</p> <p>Possible to die if you tough to these place by miss take.</p> <p>Please disconnect power plug during overhaul, reassemble or change parts.</p> <p>You will die or take damage by electric shock if you touch to live part.</p>	<p>■ Should be done safety check after finished.</p> <p> Every part (removed screws, component and wiring) should be returned to previous condition.</p> <p>Check around repair position for make damage by miss take and measure the insulated impedance by meg-ohm meter.</p> <p>Confirm the value of impedance, that value is more than 4M ohm.</p> <p>It is reason for electric shock or fire if that value is less than 4M ohm.</p>
<p>■ Use recommended components.</p> <p> Please use to same characteristic component, which is same as previous for your safety and keep reliability especially marked by \triangle in parts list and circuit diagram.</p> <p>It is reason of electric shock or fire if you use non-recommended component.</p>	<p>■ Nobody can check and repair to the code and combination circuit of HDCP.</p> <p> Never remove the shield case, which is assembled to the code and combination circuit of HDCP.</p>

PRECAUTIONS

How to clean the plasma screen panel of the monitor

Before cleaning the monitor, turn off the monitor and disconnect the power plug from the power outlet.

To prevent scratching or damaging the plasma screen face, do not knock or rub the surface with sharp or hard objects. Clean the screen with a soft cloth moistened with warm water and dry with a soft cloth. If it is not enough, then use a cloth with mild detergent. Do not use harsh or abrasive cleaners.

How to clean the cabinet of the monitor

Use a soft cloth to clean the cabinet and control panel of the monitor. When excessively soiled dilute a neutral detergent in water, wet and wring out the soft cloth and afterward wipe with a dry soft cloth.

Never use acid/alkaline detergent, alcoholic detergent, abrasive cleaner, powder soap, OA cleaner, car wax, glass cleaner, etc. especially because they would cause discoloration, scratches or cracks.

1. Features

Large-screen, high-definition plasma display panel

The 42-inch color plasma display panel, with a resolution of 1024 (H) x 1024 (V) pixels, and the 32-inch color LCD panel with a resolution of 1366(H) x 768(V) pixels, creates a high-definition, large-screen(aspect ratio : 16:9) and low-profile flat display. Free from electromagnetic interferences from geomagnetic sources and ambient power lines, the panel produces high-quality display images free from color misconvergence and display distortion.

High Performance Digital Processor

A wide range of input signals can be handed, including composite, component, and HDMI. High Definition Digital Processor creates the fine-textured image with dynamic contrast. In addition, it corresponds to a broad array of personal computer signals, from 640 x 400 and 640 x 480 VGA to 1600 x 1200 UXGA. (RGB Input)

Easy-to-use remote control and on screen display system

The remote control included eases the work of setting display controls. Further, the on-screen display system, displays the status of signal reception and display control settings in an easy-to-view fashion.

Power saving system

The power saver feature saves power consumption automatically when input signals are not available. When connected to a VESA DPMS-compliant PC, the monitor cuts its power consumption while it is idle.

Connecting to an Audio Visual Device

- Two composite/S terminal*¹, three composite terminal*², two component terminal*², two HDMI terminal and a photo input terminal have been added. A composite video output terminal is also provided as a monitoring output.

*¹ One composite/S terminal are on the side input. Composite terminal and S terminal should not be connected at the same time

*² Two composite terminal and two component terminal cannot be used at the same time.

- A wide range of devices other than personal computers can also be connected.

Power Swivel Feature

It allows to turn the display left or right within ± 30 degree using the remote control.

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2. Specifications

Panel	Display dimensions	Approx. 32 inches (698(H) x 392(V)mm, diagonal 801mm)	Approx. 42 inches (922(H) x 522(V)mm, diagonal 1059mm)
	Resolution	1366(H) x 768(V) pixels	1024(H) x 1024(V) pixels
Net dimensions		including Stand : 813(W) x 663(H) x 350(D)mm excluding Stand : 813(W) x 584(H) x 114(D)mm	including Opional Stand : 1134(W) x 728(H) x 350(D)mm excluding Optional Stand : 1134(W) x 648(H) x 98(D)mm
Net weight		including Stand : 27.6kg excluding Stand : 21.9kg	including Opional Stand : 43.0kg excluding Opional Stand : 37.3kg
Ambient conditions	Temperature	Operating : 5°C to 35°C, Storage : 0°C to 40°C	
	Relative humidity	Operating : 20% to 80%, Storage : 20% to 90% (non-condensing)	
Power supply		AC100 - 240V, 50/60Hz	
Power consumption / at standby		150W / <1W(100 - 220V) 150W / <1.1W(230 - 240V)	370W / <3W
Audio output		speaker total 20W	speaker total 36W
(VIDEO input)			
Input terminals		AV1•2 : composite video input terminal (RCA) or component video input terminal (RCA) L/R audio input terminal (RCA) AV3•5 : composite video input terminal (RCA) or S video input terminal. L/R audio input terminal (RCA) AV4 : composite video input terminal (RCA) L/R audio input terminal(RCA) HDMI1•2 : HDMI input terminal Audio input terminal (3.5mm Stereo Mini Jack) Photo Input : Photo Input terminal / SD card slot	
Input signals		Composite video : PAL, SECAM, NTSC3.58, NTSC4.43, PAL60 Component video : 480i, 576i, 480p, 576p, 720p/50, 720p/60, 1080i/50, 1080i/60	
Output Signal		OUTPUT (MONITOR) : composite video monitor-output terminal (RCA) OUTPUT (MONITOR) : L/R audio monitor-output terminal (RCA) OUTPUT (HEADPHONE) : L/R audio monitor-output terminal (Mini-pin) OUTPUT (SUB-WOOFER) : Woofer output terminal	
(RF input)			
Input terminals		ANT : 75Ω Unbalanced	
RF Video System		PAL B, G, H / I / D, K SECAM B, G / D, K / K1 NTSC-M	
(RGB input)			
Input terminals		Analog RGB input terminal (D-sub 15-pin) Audio unput terminal (3.5mm Stereo Mini Jack)	
Input signals		0.7V/1.0Vp-p, analog RGB (Recommended Signal)	
Sync signals		H/V separate, TTL level [2KΩ] H/V composite, TTL level [2KΩ] Sync on green, 0.3Vp-p [75Ω]	

•The monitor takes at least 30 minutes to attain the status of optimal picture quality.

Applicable video signals for each input terminal

Terminal	RCA				HDMI	D-sub
Signal	CVBS	S-video	Component	RGB		RGB
AV1,2	○		○			
AV3	○	○				
AV4	○					
AV5*	○	○				
HDMI1,2					○	
RGB						○

* Note : CVBS and S-video on AV5 should not be connected at the same time to prevent interference on the picture

(○:Available)

3. Service points

● Lead free solder

This product uses lead free solder (unleaded) to help preserve the environment. Please read these instructions before attempting any soldering work.

Caution: Always wear safety glasses to prevent fumes or molten solder from getting into the eyes. Lead free solder can splatter at high temperatures (600°C).

■ Lead free solder indicator

Printed circuit boards using lead free solder are engraved with an "F."

■ Properties of lead free solder

The melting point of lead free solder is 40-50°C higher than leaded solder.

■ Servicing solder

Solder with an alloy composition of Sn-3.0Ag-0.5Cu or Sn-0.7Cu is recommended.

Although servicing with leaded solder is possible, there are a few precautions that have to be taken. (Not taking these precautions may cause the solder to not harden properly, and lead to consequent malfunctions.)

Precautions when using leaded solder

- Remove all lead free solder from soldered joints when replacing components.
- If leaded solder should be added to existing lead free joints, mix in the leaded solder thoroughly after the lead free solder has been completely melted (do not apply the soldering iron without solder).

■ Servicing soldering iron

A soldering iron with a temperature setting capability (temperature control function) is recommended.

The melting point of lead free solder is higher than leaded solder. Use a soldering iron that maintains a high stable temperature (large heat capacity), and that allows temperature adjustment according to the part being serviced, to avoid poor servicing performance.

Recommended soldering iron:

- Soldering iron with temperature control function (temperature range: 320-450°C)

Recommended temperature range per part:

Part	Soldering iron temperature
Mounting (chips) on mounted PCB	320°C±30°C
Mounting (chips) on empty PCB	380°C±30°C
Chassis, metallic shield, etc.	420°C±30°C

The PWB assembly which has used lead free solder

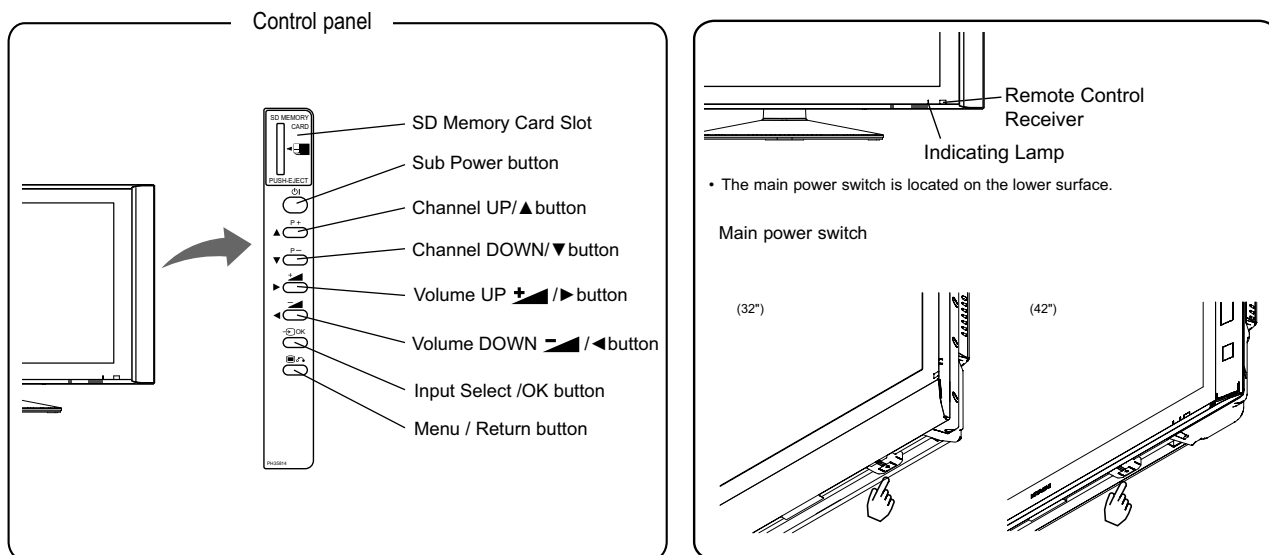
- ① SUBPOWER PWB (Subpower PWB, Filter PWB, Terminal PWB)
- ② SOUND PWB (Audio PWB, Control PWB, SW PWB)
- ③ FC PWB
- ④ MAIN PWB (Main PWB, LED PDP PWB, LED LCD PWB, Swivel PWB)

■ Readjustment Power supply voltage (PDP only)

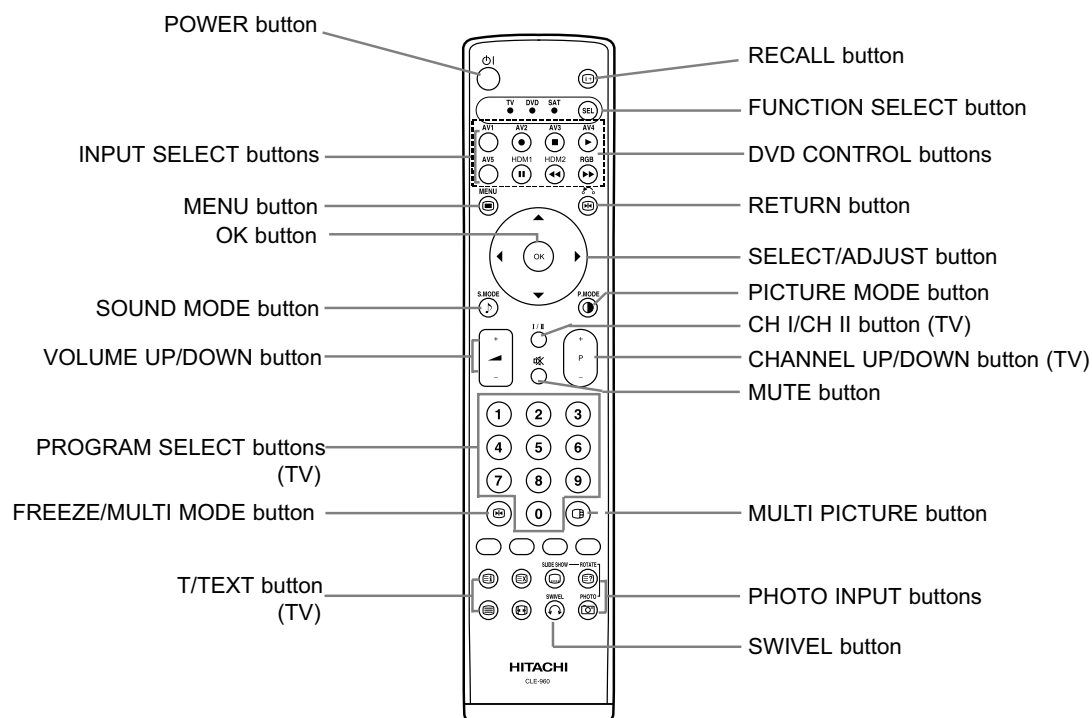
When a PANEL or a Power Unit is exchanged, power supply voltage needs to be adjusted. Please adjust to make the values of V_a and V_s of as should on the label currently stuck on the panel back upper parts. Adjustment is performed by VR in the power supply unit. Please refer to the procedures of " V_a " and " V_s " adjustments on 22page.

4. Component names

[Main unit]



[Remote control]



CLE-970

5. New adoption technology

[System control micom I001(M30627)]

• Pin function table

No.	PIN NAME	I/O	Panel: PDP/ LCD	FUNCTION
1	VREF (+5.0V)	I	PDP/ LCD	5V
2	+5.0V	I	PDP/ LCD	5V
3	AUDIO_SW1	I/O	PDP/ LCD	Audio SW1
4	OSD_DATA	I/O	PDP/ LCD	OSD DATA
5	OSD_CLK	I/O	PDP/ LCD	OSD CLK
6	HP_VOL	I/O	PDP/ LCD	Head Phone Volume
7	FUNC_1	I/O	PDP/ LCD	Function1
8	DATA_OUT(FC)	I/O	PDP/ LCD	FC MicroComputer 3 Lines Bus Data Out /Media Data Out
9	DATA_IN(FC)	I/O	PDP/ LCD	FC MicroComputer 3 Lines Bus Data In/ Media Data In
10	CLK(FC)	I/O	PDP/ LCD	FC MicroComputer 3 Lines Bus Clock/ Media Clock
11	BL_INST	I/O	PDP/ LCD	Black Insert On/Off for 32V LCD (37V=Low)
12	BL_BLINK	I/O	PDP/ LCD	Backlight Blink On/Off for 32V LCD (37V=Low)
13	GND	I	PDP/ LCD	GND
14	CNVSS(FLASH)	I	PDP/ LCD	CNVSS(FLASH)
15	DSUB COMP	I/O	PDP/ LCD	Sync Switching
16	RGBSW	I/O	PDP/ LCD	Sync Switching
17	RESET	I	PDP/ LCD	Reset
18	16MHz Oscillation	O	PDP/ LCD	OSC-OUT
19	GND	I	PDP/ LCD	GND
20	16MHz Oscillation	I	PDP/ LCD	OSC-IN
21	+5.0V	I	PDP/ LCD	5V
22	NMI(+5.0V)	I	PDP/ LCD	5V PULL UP
23	RMCON	I/O	PDP/ LCD	Receiving Remote Control Signal
24	NC	I/O	PDP/ LCD	NC
25	V.FREQ_3	I/O	PDP/ LCD	V.Frequency
26	SCV.SYNC	I/O	PDP/ LCD	SUB_Y.SYNC (Composite)
27	IRQ(PM-IRQ)	I/O	PDP/ LCD	PDP Control
28	MCV.SYNC	I/O	PDP/ LCD	MAIN_Y.SYNC (Composite)
29	POWER_LED	I/O	PDP/ LCD	L : Lighting (Power Save)
30	FUNC_2	I/O	PDP/ LCD	Function2
31	CEC_OUT	I/O	PDP/ LCD	CEC OUT(CEC1)
32	H.FREQ_3	I/O	PDP/ LCD	H.Frequency
33	PDWN	I/O	PDP/ LCD	Panel LVDS
34	RXD2	I/O	PDP/ LCD	RS-232C Communication
35	TXD2	I/O	PDP/ LCD	RS-232C Communication
36	TXD1(RS232C/FLASH)	I/O	PDP/ LCD	FLASH for Writing
37		I	PDP/ LCD	5V
38	RXD1(RS232C/FLASH)	I/O	PDP/ LCD	FLASH for Writing
39		I	PDP/ LCD	GND
40	SCLK(FLASH)	I/O	PDP/ LCD	FLASH for Writing
41	BUSY(FLASH)	I/O	PDP/ LCD	FLASH for Writing
42	TXD0(DTT)	I/O	PDP/ LCD	DTT
43	RXD0(DTT)	I/O	PDP/ LCD	DTT
44	SDA4(panel)	I/O	PDP/ LCD	PDP Communication (I2C Bus)
45	SCL4(panel)	I/O	PDP/ LCD	PDP Communication (I2C Bus)
46	M_ENABLE	I/O	PDP/ LCD	Media Enable
47	M_SCLK	I/O	PDP/ LCD	Media Clock
48	M_SDA	I/O	PDP/ LCD	Media Data
49	M_WAKEUP	I/O	PDP/ LCD	Media Wakeup
50	PDPGO(PM_ON)	I/O	PDP/ LCD	PDP Control/LCD Panel 12V/WWGA Power

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No.	PIN NAME	I/O	Panel: PDP/ LCD	FUNCTION
51	CPUGO(PM_CPU)	I/O	PDP/ LCD	PDP Control/Inverter Voltage
52	EPM (FLASH)	I/O	PDP/ LCD	FLASH for Writing
53	VIDEO.DET_1	I/O	PDP/ LCD	VIDEO Board Detection
54	SCL1	I/O	PDP/ LCD	I2C(To the Side of Main Board) FE/MSP3455or MSP3415G/SAA5361
55	SDA1	I/O	PDP/ LCD	I2C(To the Side of Main Board) FE/MSP3455or MSP3415G/SAA5361
56	HDMI-RESET	I/O	PDP/ LCD	HDMI-Reset
57	HDMI-HPD_RESET	I/O	PDP/ LCD	Hot Plug Detect Reset
58	SEL_0	I/O	PDP/ LCD	FC Clock/Others SW
59	SEL_1	I/O	PDP/ LCD	HDMI/DTT SW
60	TUNER.DET_1	I/O	PDP/ LCD	TUNER Detection
61	CE (FLASH)	I/O	PDP/ LCD	FLASH for Writing
62	STAND.CIR_DET	I/O	PDP/ LCD	Stand Detection
63	SW_L_OUT	I/O	PDP/ LCD	Swivel L Output
64	SW_R_OUT	I/O	PDP/ LCD	Swivel R Output
65	M_SW	I/O	PDP/ LCD	Bridge Media Circuit Connection Judgement Terminal
66	INITIALIZE	I/O	PDP/ LCD	Memory Initial
67	BR_MUTE	I/O	PDP/ LCD	Bridge Media Audio Mute
68	CK_SEL	I/O	PDP/ LCD	Clock Selector
69	SCDT	I/O	PDP/ LCD	HDMI Power Save for Return
70	CK_INV	I/O	PDP/ LCD	Clock Invert
71	DVI-SW	I/O	PDP/ LCD	DVI Control
72	CUR_PRTCT	I/O	PDP/ LCD	Power Swivel Overcurrent Detection
73	SP_MUTE	I/O	PDP/ LCD	SP Relay
74	AUDIO_MUTE	I/O	PDP/ LCD	Audio MUTE
75	ASEL1	I/O	PDP/ LCD	Audio Switching SW
76	ASEL2	I/O	PDP/ LCD	Audio Switching SW
77	SDA2	I/O	PDP/ LCD	I2C(TAS3103/TAS5508)
78	SCL2	I/O	PDP/ LCD	I2C(TAS3103/TAS5508)
79	D-SUB	I/O	PDP/ LCD	D-SUB COMP for Sync Switching
80	BM_SW	I/O		BM Switching
81	RGB_BLK_2	I/O		NC
82	RGB_BLK_3	I/O		NC
83	AUDIO_RESET	I/O		Audio Circuit Reset
84	PDP_WVGA_LCD_SW_	I/O		PDP/42WVGA/LCD Detection
85	+5.0V	I		
86	EDID_PROTECT_1	I/O	PDP/ LCD	Memory Protect(Not necessary if power is available to use)
87	GND	I	PDP/ LCD	GND
88	WSS_1	I/O	PDP/ LCD	NC
89	WSS_2	I/O	PDP/ LCD	NC
90	WSS_3	I/O	PDP/ LCD	NC
91	TV.AFC(M)	I/O	PDP/ LCD	Main Tuner Control (AFC)
92	TV.AFC(S)	I/O	PDP/ LCD	Sub Tuner Control (AFC)
93	AUDIO_SW2	I/O	PDP/ LCD	Audio SW2
94	EDID_PROTECT_2	I/O	PDP/ LCD	Memory Protect(Not necessary if power is available to use)
95	HP_DETECT	I/O	PDP/ LCD	HEAD PHONE DETECT
96	PDP_WVGA_LCD_SW_	I/O	PDP/ LCD	PDP/42WVGA/LCD検出
97	INT_HDMI	I/O	PDP/ LCD	INT(HDMI)
98	CEC_IN	I/O	PDP/ LCD	CEC IN(CEC2)
99	COMP_SW	I/O	PDP/ LCD	Component SW Main ⇄ DSUB
100	DEMP_OUT	I/O	PDP/ LCD	De-emphasis Control Output for HDMI

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No.	PIN NAME	I/O	Panel: PDP/ LCD	FUNCTION
101	NC	I/O	LCD	NC
102	SCL0	I/O	PDP/ LCD	I ² C (To the Side of Main Board) (TA1391FG/CXA2069/uPD64015/TB1274AF)
103	SDA0	I/O	PDP/ LCD	I ² C (To the Side of Main Board) (TA1391FG/CXA2069/uPD64015/TB1274AF)
104	SCL3(EEPROM)	I/O	PDP/ LCD	I ² C(EEPROM)
105	SDA3(EEPROM)	I/O	PDP/ LCD	I ² C(EEPROM)
106	EPGGO	I/O	PDP/ LCD	EPGGO
107	EXT_RESET	I/O	PDP/ LCD	EXTERNAL RESET
108	OSD_CS	I/O	PDP/ LCD	OSD CS
109	FC_ENABLE	I/O	PDP/ LCD	FC MicroComputer 3 Lines Enable
110	V_P_DET_1	I/O	PDP/ LCD	V_DET_1(Power Save Return)
111	V_P_DET_2	I/O	PDP/ LCD	V_DET_2(Power Save Return)
112	IRQ_DTT	I/O	PDP/ LCD	DTT IRQ
113	DTT_POWER	I/O	PDP/ LCD	DTT POWER
114	DISPEN	I/O	PDP/ LCD	DISPEN/Backlight on
115	HDMI_A_SW	I/O	PDP/ LCD	HDMI AUDIO SW
116	SCL5	I/O	PDP/ LCD	I ² C (Sil9021)
117	SDA5	I/O	PDP/ LCD	I ² C (Sil9021)
118	SCL6	I/O	PDP/ LCD	I2C (To the Side of Sensor Board) (AD7414)
119	SDA6	I/O	PDP/ LCD	I2C (To the Side of Sensor Board) (AD7414)
120	COLOR_SYS	I/O	PDP/ LCD	Color System (Pull-in range Switching)
121	AD_KEY3	I/O	PDP/ LCD	AD KEY3**
122	AD_KEY2	I/O	PDP/ LCD	AD KEY2*
123	AD_KEY1	I/O	PDP/ LCD	AD KEY1(Power)
124	TV.POWER	I/O	PDP/ LCD	H:PowerON, L:(Standby,PowerSave)
125	DIP.DET	I/O	PDP/ LCD	DIP DET
126	POWER_SAVE	I/O	PDP/ LCD	L: Lighting(Standby, PowerSave), H: Lights-out
127	GND	I	PDP/ LCD	GND
128	FAN_ALARM *1	I/O	PDP/ LCD	FAN ALARM

- **Block diagram**



6. Adjustment

• How to get to Adjustment mode

Using the front control buttons with the set turned off (standby) can activate it.

Press the SUB-POWER(⏻) button, INPUT SELECT(↺) button and ▼ button at the same time, and hold for more than 5 seconds.

The set turns on in adjustment mode with OSD.

• Changing data and Selecting Adjustment code

When the set is in adjustment mode, the cursor ◀, ▶, ▲, ▼ and OK buttons of the remote control or front panel may be used as the adjustment keys.

▲, ▼ buttons are used for selecting adjustment code.

◀, ▶ buttons are used for changing data values.

OK button is used for confirming the data.

After finishing the necessary adjustment press MENU button. Adjustment mode is released and the set returns to normal condition.

• Memory Initialize operation

NOTE: The execution of this function returns the adjustment codes to the preset values, therefore, adjustment data will be lost.

Procedure

- (1) Enter Adjustment Mode.
- (2) Select MEMORY INIT adjustment code (No.818) and change the data value from 0 to 1.
- (3) Activate MEMORY INIT by pressing OK button.
- (4) Select No.712 and change data value from 1 to 0.
- (5) Check that the receiving channel goes to P1. Unit is set to preset values.

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● Service adjustment items by I²C-bus control (MAIN Part)

Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
0	SUB_CONTRAST (AV1)	Sub Composite mode	15	8	8	TB1274
1	SUB_CONTRAST (AV2)	Sub Composite mode	15	8	8	TB1274
2	SUB_CONTRAST (AV3)	Sub Composite mode	15	8	8	TB1274
3	SUB_CONTRAST (AV4)	Sub Composite mode	15	8	8	TB1274
4	SUB_CONTRAST (AV5)	Sub Composite mode	15	8	8	TB1274
5	SUB_CONTRAST (RF)	Sub	15	8	8	TB1274
6	Sub Color	Sub	15	8	8	TB1274
7	TINT (RF)	Sub	63	29	29	TB1274
8	TINT (VIDEO)	Sub	63	29	29	TB1274
9	Reference Amplitude(RGB_AMP)	RF/VIDEO	254	127	127	FC
10	Reference Amplitude(RGB_AMP)	PC	254	127	127	FC
11	Reference Amplitude(RGB_AMP)	Multi Picture mode	254	130	130	FC
12	Display for Max. Amplitude Level	Main	-	-	-	FC
13	Display for Max. Amplitude Level	Sub	-	-	-	FC
14	Set Blue Gamma gain On/Off 0:Off, 1:On (For 55V)	For 55V	1	1	1	FC
15	Contrast mode<Dynamic> SW (TV) 0:Dynamic, 1:Dynamic+Auto	RF	1	1	1	FC
16	APL Enhancer 0:OFF, 1:ON	For Dynamic mode	1	1	1	FC
17	HDMI PC Function 0:OFF, 1:ON (for customer request)		1	0	0	
18	PinP Function (for PC) 0:PinP, 1:Infomation1, 2:Infomaiton Split		2	0	0	FC
19	Black Level(RGB_AMP)	RF/VIDEO	254	127	127	FC
20	Black Level(RGB_AMP)	PC	254	127	127	FC
21	Black Level(RGB_AMP)	For USA NTSC/480i	254	127	127	FC
22	Protect for Image Retention 0:Off, 1:7%, 2:14%, 3:21%, 4:AUTO	Dynamic mode	4	4	4	FC
23	Protect for Image Retention 0:Off, 1:7%, 2:14%, 3:21%, 4:AUTO	Natural mode	4	4	4	FC
24	Protect for Image Retention 0:Off, 1:7%, 2:14%, 3:21%, 4:AUTO	Cinema mode	4	4	4	FC
25	YNR Input Level	RF	7	7	7	FC
26	YNR Input Level	VIDEO	7	7	7	FC
27	YNR Input Level	Scart-RGB(50/60Hz)	7	7	7	FC
28	YNR Input Level	480i/576i	7	7	7	FC
29	YNR Input Level	480p/576p	7	7	7	FC
30	YNR Input Level for AV1-5 Mode	1080i-50/60/720p	7	7	7	FC
31	YNR Input Level for →HDMI Mode	480i/480p/576i/576p/VGA	7	7	7	FC
32	YNR Input Level for →HDMI Mode	1080i-50/60/720p	7	7	7	FC
33	CNR Input Level at Low level for AV1-5 Mode	RF/VIDEO	7	3	3	FC
34	CNR Input Level at Low level for AV1-5 Mode	Scart-RGB(50/60Hz)	7	3	3	FC
35	CNR Input Level at Low level for AV1-5 Mode	480i/576i	7	3	3	FC
36	CNR Input Level at Low level for AV1-5 Mode	480p/576p	7	3	3	FC
37	CNR Input Level at Low level for AV1-5 Mode	1080i-50/60/720p	7	3	3	FC
38	CNR Input Level at Low level for →HDMI Mode	480i/480p/576i/576p/VGA	7	2	2	FC
39	CNR Input Level at Low level for →HDMI Mode	1080i-50/60/720p	7	2	2	FC
40	Main/Sub YFRNR Pass Level [MYNRP0]	NTSC/PAL/Multi	7	1	1	FC
41	[MYNRP5]	NTSC/PAL-VIDEO	7	0	0	FC
42	[MYNRP6]	Scart-RGB(50/60Hz)	7	0	0	FC
43	[MYNRP6]	480i/576i (Except HDMI)	7	0	0	FC
44	[MYNRP7]	480p/576p (Except HDMI)	7	0	0	FC
45	[MYNRP8]	1080i-50/60/720p (Except HDMI)	7	0	0	FC
46	[MYNRP6]	480i/576i (HDMI)	7	0	0	FC
47	[MYNRP7]	480p/576p (HDMI)	7	0	0	FC
48	[MYNRP8]	1080i-50/720p-50 (HDMI)	7	1	1	FC
49	[MYNRP8]	1080i-60/720p-60 (HDMI)	7	0	0	FC
50	Main/Sub CFRNR Pass Level [MCNRP0]	NTSC/PAL/Multi	7	2	0	FC
51	[MCNRP5]	NTSC/PAL-VIDEO	7	2	0	FC
52	[MCNRP6]	Scart-RGB(50/60Hz)	7	2	0	FC
53	[MCNRP6]	480i/576i	7	2	0	FC
54	[MCNRP7]	480p/576p	7	2	0	FC
55	[MCNRP8]	1080i-50/60/720p	7	0	0	FC
56	Vertical Enhancer Gain for B-Y/B, R-Y/R [CVEG0]	NTSC/PAL/480i/576i/Multi	15	15	15	FC
57	[CVEG1]	480p/576p/1080i-50/60/720p	15	9	9	FC
58	Vertical DSB Gain for B-Y/B, R-Y/R [CVDSBG0]	NTSC/PAL/480i/576i/Multi	3	0	0	FC
59	[CVDSBG1]	480p/576p/1080i-50/60/720p	3	0	0	FC

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
60	Vertical DSB coring for B-Y/B, R-Y/R [CVDSBC0]	NTSC/PAL/480i/576i/Multi	7	0	0	FC
61	[CVDSBC1]	480p/576p/1080i-50/60/720p	7	0	0	FC
62	Vertical Enhancer CLIP 0:CTI for B-Y/B, R-Y/R [CVECLP0]	NTSC/PAL/480i/576i/Multi	1	0	0	FC
63	[CVECLP1]	480p/576p/1080i-50/60/720p	1	0	0	FC
64	Horizontal HPF Peak Frequency Switch for B-Y/B, R-Y/R [CHHPF0]	NTSC/PAL/480i/576i/Multi	3	2	2	FC
65	[CHHPF1]	480p/576p/1080i-50/60/720p	3	2	2	FC
66	Horizontal Enhancer Gain for B-Y/B, R-Y/R [CHEG0]	NTSC/PAL/480i/576i/Multi	15	15	15	FC
67	[CHEG1]	480p/576p/1080i-50/60/720p	15	9	9	FC
68	Horizontal DSB Gain for B-Y/B, R-Y/R [CHDSBG0]	NTSC/PAL/480i/576i/Multi	3	0	0	FC
69	[CHDSBG1]	480p/576p/1080i-50/60/720p	3	0	0	FC
70	Horizontal DSB Coring for B-Y/B, R-Y/R [CHDSBC0]	NTSC/PAL/480i/576i/Multi	7	0	0	FC
71	[CHDSBC1]	480p/576p/1080i-50/60/720p	7	0	0	FC
72	Horizontal Enhancer CLIP 0:CTI for B-Y/B, R-Y/R [CHECLP0]	NTSC/PAL/480i/576i/Multi	1	0	0	FC
73	[CHECLP1]	480p/576p/1080i-50/60/720p	1	0	0	FC
74	B-Y Clamp Offset	NTSC/PAL/480i/576i/480p/576p	255	128	128	FC
75	R-Y Clamp Offset	NTSC/PAL/480i/576i/480p/576p	255	128	128	FC
76	B-Y Clamp Offset	1080i-50/60	255	128	127	FC
77	R-Y Clamp Offset	1080i-50/60	255	128	127	FC
78	B-Y Clamp Offset	720p	255	128	128	FC
79	R-Y Clamp Offset	720p	255	128	128	FC
80	B-Y Clamp Offset [DVI-STB] →[HDMI]	480i/576i/480p/576p/VGA	255	128	128	FC
81	R-Y Clamp Offset [DVI-STB] →[HDMI]	480i/576i/480p/576p/VGA	255	128	128	FC
82	B-Y Clamp Offset [DVI-STB] →[HDMI]	1080i-50/60	255	128	128	FC
83	R-Y Clamp Offset [DVI-STB] →[HDMI]	1080i-50/60	255	128	128	FC
84	B-Y Clamp Offset [DVI-STB] →[HDMI]	720p	255	128	128	FC
85	R-Y Clamp Offset [DVI-STB] →[HDMI]	720p	255	128	128	FC
86	FC6 THROUGH 0:OFF, 1:THROUGH ON		1	0	0	FC
87	Dynamic Back Light Correction	For LCD	1	1	1	FC
88	Dynamic Contrast Correction		1	1	1	FC
89	Histogram Color Management		1	1	1	FC
90	Histogram Gradation Amp.		1	1	1	FC
91	Histogram Enhancer		1	1	1	FC
92	Dynamic Enhancer		1	1	1	FC
93	Main H Sync Phase Adjustment (MHPHS)	DTT	255	101	101	FC
94	Sub H Sync Phase Adjustment (SHPHS)	DTT	255	101	101	FC
95	P/N ID	Sub	1	0	0	TB1274
96	Sharpness Gain(RF/NR)	Sub	15	2	2	TB1274
97	Sharpness Gain(RF) BG/DK/I	Sub	15	8	8	TB1274
98	Sharpness Gain(RF) M	Sub	15	8	8	TB1274
99	Sharpness Gain(RF) L	Sub	15	8	8	TB1274
100	Sharpness Gain(RF) L'	Sub	15	8	8	TB1274
101	Sharpness Gain(VIDEO) PAL	Sub	15	8	10	TB1274
102	Sharpness Gain(VIDEO) NTSC3.58	Sub	15	8	10	TB1274
103	Sharpness Gain(VIDEO) SECAM,B/W	Sub	15	8	10	TB1274
104	Sharpness Gain(VIDEO) NTSC4.43	Sub	15	8	10	TB1274
105	Sharpness Gain(VIDEO) N-PAL	Sub	15	8	10	TB1274
106	Sharpness Gain(VIDEO) M-PAL	Sub	15	8	10	TB1274
107	Sharpness Gain(S.VIDEO)	Sub	15	10	8	TB1274
108	Sharpness f0(RF) BG/DK/I	Sub	3	2	2	TB1274
109	Sharpness f0(RF) M	Sub	3	2	2	TB1274
110	Sharpness f0(RF) L	Sub	3	2	2	TB1274
111	Sharpness f0(RF) L'	Sub	3	2	2	TB1274
112	Sharpness f0(VIDEO) PAL	Sub	3	2	2	TB1274
113	Sharpness f0(VIDEO) NTSC3.58	Sub	3	2	2	TB1274
114	Sharpness f0(VIDEO) SECAM,B/W	Sub	3	2	2	TB1274
115	Sharpness f0(VIDEO) NTSC4.43	Sub	3	2	2	TB1274
116	Sharpness f0(VIDEO) N-PAL	Sub	3	2	2	TB1274
117	Sharpness f0(VIDEO) M-PAL	Sub	3	2	2	TB1274
118	Y Out Level M (4.5)	Sub	63	19	15	TB1274
119	Y Out Level B/G (5.5)	Sub	63	13	13	TB1274

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
120	Y Out Level D/K (6.5)	Sub	63	12	12	TB1274
121	Y Out Level I (6.0)	Sub	63	13	13	TB1274
122	Y Out Level L (6.5)	Sub	63	12	12	TB1274
123	Y Out Level L' (6.5)	Sub	63	15	15	TB1274
124	Y Out Level (VIDEO)	Sub	63	13	13	TB1274
125	Y Out Level (TEXT)	Sub	63	4	4	TB1274
126	C Out Level M (4.5)	Sub	63	3	12	TB1274
127	C Out Level B/G (5.5)	Sub	63	8	8	TB1274
128	C Out Level D/K (6.5)	Sub	63	8	8	TB1274
129	C Out Level I (6.0)	Sub	63	7	7	TB1274
130	C Out Level L (6.5)	Sub	63	7	7	TB1274
131	C Out Level L' (6.5)	Sub	63	7	7	TB1274
132	C Out Level (VIDEO)	Sub	63	10	10	TB1274
133	C Out Level (TEXT)	Sub	63	8	8	TB1274
134	BPF_Q (4.43MHz)	Sub	3	3	3	TB1274
135	BPF_f0 (4.43MHz)	Sub	3	1	1	TB1274
136	C_TRAP_SW (COMB=OFF-PAL/NTSC4.43/NTSC3.58)	Sub	1	0	0	TB1274
137	LPF	Sub	1	0	0	TB1274
138	SECAM D-Trap	Sub	1	1	1	TB1274
139	FILTER SW(RF)	Sub	1	0	0	TB1274
140	Y_DL (4.5MHz)	Sub	10	5	5	TB1274
141	Y_DL (5.5MHz PAL/NTSC4.43)	Sub	10	2	2	TB1274
142	Y_DL (5.5MHz SECAM)	Sub	10	0	0	TB1274
143	Y_DL (6.0PAL/NTSC4.43)	Sub	10	7	7	TB1274
144	Y_DL (6.0SECAM)	Sub	10	5	5	TB1274
145	Y_DL (6.5PAL/NTSC4.43)	Sub	10	5	5	TB1274
146	Y_DL (6.5SECAM)	Sub	10	5	5	TB1274
147	Y_DL (L)	Sub	10	5	5	TB1274
148	Y_DL (L')	Sub	10	5	5	TB1274
149	Y_DL (VIDEO PAL/NTSC4.43)	Sub	10	5	5	TB1274
150	Y_DL (VIDEO SECAM)	Sub	10	5	5	TB1274
151	Y_DL (VIDEO NTSC)	Sub	10	5	5	TB1274
152	NTSC Comb(Comb off)	Sub	1	1	1	TB1274
153	Cb offset1	Sub	15	8	8	TB1274
154	Cr offset1	Sub	15	8	8	TB1274
155	MVM (VIDEO)		1	0	0	TB1274
156	AFC_GAIN (AV00)		3	0	0	TB1274
157	AFC_GAIN (AV1)		3	0	0	TB1274
158	AFC_GAIN (AV2)		3	0	0	TB1274
159	AFC_GAIN (AV3)		3	0	0	TB1274
160	AFC_GAIN (AV4)		3	0	0	TB1274
161	AFC_GAIN (AV5)		3	0	0	TB1274
162	AFC_GAIN (Except AV00)		3	0	0	TB1274
163	S_B-Y_ADJ	Sub	15	8	8	TB1274
164	S_R-Y_ADJ	Sub	15	8	8	TB1274
165	BELL_f0	Sub	1	0	0	TB1274
166	S_INHBT		1	0	0	TB1274
167	S_ID		1	0	0	TB1274
168	S_GP		3	0	0	TB1274
169	S_V_ID		1	0	0	TB1274
170	BELL/HPF		3	3	3	TB1274
171	HS Phase	Sub	1	0	0	TB1274
172	Bandwidth 1	NTSC/PAL/480i/576i	3	1	1	TA1391FG
173	Bandwidth 1	480p/576p	3	2	2	TA1391FG
174	Bandwidth 1	1080i-50/60/720p	3	0	0	TA1391FG
175	Bandwidth 1	DTT	3	2	2	TA1391FG
176	Bandwidth 2	NTSC/PAL/480i/576i	3	2	2	TA1391FG
177	Bandwidth 2	480p/576p	3	2	2	TA1391FG
178	Bandwidth 2	1080i-50/60/720p	3	0	0	TA1391FG
179	Bandwidth 2	DTT	3	2	2	TA1391FG

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
180	Sub Contrast 1	Except 15kHz system (15kHz→#262)	15	0	0	TA1391FG
181	Sub Contrast 1	DTT	15	0	0	TA1391FG
182	Sub Contrast 2		15	0	0	TA1391FG
183	Sub Contrast 2	DTT	15	0	0	TA1391FG
184	Sub Color 1		15	0	12	TA1391FG
185	Sub Color 1	DTT	15	0	0	TA1391FG
186	Sub Color 2		15	0	8	TA1391FG
187	Sub Color 2	DTT	15	0	0	TA1391FG
188	HV THRU 1	NTSC/PAL/480i/576i/480p/576p	1	0	0	TA1391FG
189	HV THRU 1	1080i-50/60/720p	1	0	0	TA1391FG
190	HV THRU 2	NTSC/PAL/480i/576i/480p/576p	1	0	0	TA1391FG
191	HV THRU 2	1080i-50/60/720p	1	0	0	TA1391FG
192	H_SEP 1	RF/VIDEO	1	0	0	TA1391FG
193	H_SEP 1	480i/576i	1	0	0	TA1391FG
194	H_SEP 1	480p/576p	1	0	0	TA1391FG
195	H_SEP 1	1080i_50	1	0	0	TA1391FG
196	H_SEP 1	1080i_60/720p	1	0	0	TA1391FG
197	H_SEP 2	RF/VIDEO	1	0	0	TA1391FG
198	H_SEP 2	480i/576i	1	0	0	TA1391FG
199	H_SEP 2	480p/576p	1	0	0	TA1391FG
200	H_SEP 2	1080i_50	1	0	0	TA1391FG
201	H_SEP 2	1080i_60/720p	1	0	0	TA1391FG
202	V_SEP 1	RF/VIDEO	1	0	0	TA1391FG
203	V_SEP 1	480i/576i	1	0	0	TA1391FG
204	V_SEP 1	480p/576p	1	0	0	TA1391FG
205	V_SEP 1	1080i_50	1	0	0	TA1391FG
206	V_SEP 1	1080i_60/720p	1	0	0	TA1391FG
207	V_SEP 2	RF/VIDEO	1	0	0	TA1391FG
208	V_SEP 2	480i/576i	1	0	0	TA1391FG
209	V_SEP 2	480p/576p	1	0	0	TA1391FG
210	V_SEP 2	1080i_50	1	0	0	TA1391FG
211	V_SEP 2	1080i_60/720p	1	0	0	TA1391FG
212	AFC MODE 1	RF	3	0	0	TA1391FG
213	AFC MODE 1	VIDEO	3	0	0	TA1391FG
214	AFC MODE 2	RF	3	0	0	TA1391FG
215	AFC MODE 2	VIDEO	3	0	0	TA1391FG
216	N_LVL 1	RF	1	0	0	TA1391FG
217	N_LVL 1	VIDEO	1	0	0	TA1391FG
218	N_LVL 2	RF	1	0	0	TA1391FG
219	N_LVL 2	VIDEO	1	0	0	TA1391FG
220	HD POSITION 1	480i/576i	15	0	0	TA1391FG
221	HD POSITION 1	480p/576p	15	0	0	TA1391FG
222	HD POSITION 1	1080i_50	15	0	0	TA1391FG
223	HD POSITION 1	1080i_60/720p	15	0	0	TA1391FG
224	HD POSITION 2	480i/576i	15	0	0	TA1391FG
225	HD POSITION 2	480p/576p	15	0	0	TA1391FG
226	HD POSITION 2	1080i_50	15	0	0	TA1391FG
227	HD POSITION 2	1080i_60/720p	15	0	0	TA1391FG
228	Y LPF 1	RF	1	1	1	TA1391FG
229	Y LPF 1	VIDEO	1	1	1	TA1391FG
230	Y LPF 2	RF	1	1	1	TA1391FG
231	Y LPF 2	VIDEO	1	1	1	TA1391FG
232	Gain 1		1	1	1	TA1391FG
233	Gain 2		1	1	1	TA1391FG
234	HD/VD OUTPUT LEVEL		1	1	1	TA1391FG
235	Video2-RGB MODE ON	For ASIA	1	0	0	-
236	Heat APC function (HAPC) available		1	1	1	PDP
237	y-select(0:1.0, 1:2.2, 2:2.8)	RF/VIDEO	2	1	1	PDP
238	y-select(0:1.0, 1:2.2, 2:2.8)	DSUB-RGB	2	1	1	PDP
239	Select for APC function		1	0	0	PDP

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
240	CCFMD function	RF/VIDEO	1	0	0	PDP
241	CCFMD function	DSUB-RGB	1	0	0	PDP
242	NTSC/EBU(CCFORM)	SD(YCbCr)/Scart-RGB	1	0	0	PDP
243	NTSC/EBU(CCFORM)	HD(YPbPr)	1	0	0	PDP
244	NTSC/EBU(CCFORM)	DSUB-RGB	1	0	0	PDP
245	Correction for Tracking (DCBON)	RF/VIDEO-Color Temp. Cool	1	1	1	PDP
246	Correction for Tracking (DCBON)	RF/VIDEO-Color Temp. Nor/War	1	1	1	PDP
247	Correction for Tracking (DCBON)	DSUB-RGB	1	1	1	PDP
248	Color Temp. Correction		3	2	2	PDP
249	Brightness Limited Function of PANEL [APSON]		1	1	1	PDP
250	Dispersion Time of Sustain current 0:2 Times, 1:4 times	For Dynamic mode	1	0	0	PDP
251	Dispersion Time of Sustain current 0:2 Times, 1:4 times	For Natural mode	1	1	1	PDP
252	Dispersion Time of Sustain current 0:2 Times, 1:4 times	For Cinema mode	1	1	1	PDP
253	Dispersion Time of Sustain current 0:2 Times, 1:4 times	For PC mode	1	1	1	PDP
254	Dispersion Time of Sustain current 0:2 Times, 1:4 times	For PC-Movie mode	1	1	1	PDP
255	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 50Hz[Dynamic] mode	3	2	1	PDP
256	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 50Hz[Natural] mode	3	3	1	PDP
257	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 50Hz[Cinema] mode	3	3	1	PDP
258	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 60Hz[Dynamic] mode	3	2	1	PDP
259	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 60Hz[Natural] mode	3	3	1	PDP
260	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 60Hz[Cinema] mode	3	3	1	PDP
261	Q mode 0:Freeze, 1:Move 1, 2:Move 2, 3:Movie3	For 70Hz(PC)	3	0	0	PDP
262	Sub Contrast 1	15kHz System	15	4	4	TA1391FG
263	Vak OFFSet (Vak_OFS)		255	0	0	PDP
264	Vak to Vra Parameter(VaktoVra)		255	1	1	PDP
265	Vsk to Vrs Parameter(VsktoVrs)		255	1	1	PDP
266	VFB WAIT CounTer(CT_VWAIT)		255	60	60	PDP
267	VFB CORREction Counter(CT_VCORR)		255	15	15	PDP
268	Vsk OFFSet(Vsk_OFS)		255	0	0	PDP
269	Uvrs/Uvra RECALL(RCLVr)		1	0	0	PDP
270	C3OTON	1:ON, 0:OFF	1	1	1	PDP
271	C3OTLV	1:ON, 0:OFF	1	1	1	PDP
272	SRV16	1:ON, 0:OFF	1	0	0	PDP
273	WTI-VW	1:ON, 0:OFF	1	0	0	PDP
274	WTI-WAVE	0:AUTO1, 1:AUTO2, 2:Fix	2	0	0	PDP
275	SRV17	0:ON, 1:OFF	1	0	0	PDP
276	Vsk DETect First 2Bits(Vsk_DET)		-	-	-	PDP
277	Vsk DETect Last 8Bits(Vsk_DET)		-	-	-	PDP
278	Vsk detect INIT. First 2Bits(Vsk_INIT)		-	-	-	PDP
279	Vsk detect INIT. Last 8Bits(Vsk_INIT)		-	-	-	PDP
280	Vak DETect First 2Bits(Vak_DET)		-	-	-	PDP
281	Vak DETect Last 8Bits(Vak_DET)		-	-	-	PDP
282	DeLTa Vrs value(DLT_Vrs)		-	-	-	PDP
283	DeLTa Vra value(DLT_Vra)		-	-	-	PDP
284	Vak detect INIT. First 2Bits(Vak_INIT)		-	-	-	PDP
285	Vak detect INIT. Last 8Bits(Vak_INIT)		-	-	-	PDP
286	USER Vrs(Uvrs)		-	-	-	PDP
287	USER Vra(Uvra)		-	-	-	PDP
288	ISM Limit	Limit Value 0:1023 1:580	1	0	0	WVGA
289	ISM Control for WVGA	For WVGA	1	1	1	WVGA
290	SWIVEL DEMO MODE ON		50	0	0	-
291	WVGA BRIGHTNESS	For WVGA	1	0	0	WVGA
292	Black insert function 0:Not available, 1:Available	For LCD Dynamic mode or Day mode	1	0	0	M30627
293	Dynamic Backlight function 0:No, 1:Yes	For LCD	1	1	1	M30627
294	→HDMI Setup 0:None VGA/Others Yes, 1:All none 2:All have	→HDMI	2	0	0	M30627
295	DTT LOG ENABLE	For DTT	1	0	0	-
296	AUTO_FM/AM (D11-D8)	-	15	2	2	MSP3455G
297	AUTO_FM/AM (D 7-D0)	-	254	189	189	MSP3455G
298	A2_THRESHOLD (D11-D8)	-	15	0	0	MSP3455G
299	A2_THRESHOLD (D 7-D0)	-	254	112	112	MSP3455G

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
300	PRE_AM	Except 4.5MHz (Except Dual/Stereo mode)	254	17	17	MSP3455G
301	VOL SCART1 (D15-D8)	-	254	115	115	MSP3455G
302	VOL SCART1 (D 7-D5)	-	7	0	0	MSP3455G
303	PRE SCART	-	254	31	31	MSP3455G
304	PRE_FM	4.5MHz(JAPAN)	254	34	34	MSP3455G
305	PRE_FM	4.5MHz(Except BTSC-SAP mode)	254	32	32	MSP3455G
306	PRE_FM	4.5MHz(BTSC-SAP)	254	60	60	MSP3455G
307	PRE_FM	4.5MHz(Except KOREA-Dual/Stereo mode)	254	36	36	MSP3455G
308	PRE_FM	4.5MHz(KOREA-Dual/Stereo)	254	34	34	MSP3455G
309	PRE_FM	Except 4.5MHz(Except Dual/Stereo mode)	254	17	17	MSP3455G
310	PRE_FM	Except 4.5MHz(Dual/Stereo mode)	254	27	27	MSP3455G
311	PRE NICAM	-	254	57	57	MSP3455G
312	CM THRESHOLD (D15-D8)	-	254	0	0	MSP3455G
313	CM THRESHOLD (D7 -D0)	-	254	36	36	MSP3455G
314	Sound Multiplex special operation (0:Normal 1:Korea)	-	1	0	0	M30627
315	Set Stereo judgment level at turn on mode of Sound Multiplex	For Korea special version	127	18	18	M30627
316	Set Dual judgment level at turn on mode of Sound Multiplex	For Korea special version	128	18	18	M30627
317	Set Stereo judgment level at normal mode of Sound Multiplex	For Korea special version	127	18	18	M30627
318	Set Dual judgment level at normal mode of Sound Multiplex	For Korea special version	128	18	18	M30627
319	Set judgment time for jugd to Multiplex at turn on mode	For Korea special version	255	117	117	M30627
320	Set Counting time for jugdmenet of normal mode	For Korea special version	255	10	10	M30627
321	Set judgment time for jugd to Multiplex at normal mode	For Korea special version	255	64	64	M30627
322	Select over modulated mode	For Korea special version	2	0	0	M30627
323	Set over modulated mode 1	For Korea special version	255	18	18	MSP3455G
324	Set over modulated mode 2	For Korea special version	255	32	32	MSP3455G
325	TEXT H sync delay	-	127	0	0	SAA5361
326	TEXT V sync delay	-	127	50	50	SAA5361
327	TEXT H POSITION	-	254	48	48	SAA5361
328	TEXT V POSITION	-	254	39	39	SAA5361
329	Select for APC output [Except Europe model]	Main RF	2	1	1	SAA5361
330	L PLL.GAIN	-	1	0	0	TDA9885
331	HDMI EDID WRITE ENABLE	s	1	0	0	M30627
332	HDMI Ccolorimetry Judgement 0:Signal Format Priority/1:AVI InfoFrame Priority	HDMI	1	0	0	HDMI
333	BPMA : Back Porch Mode,Field2 Position Adjustment	-	1	1	1	HDMI
334	TMDS Equalization Control (0:0xC3, 1:0x0F, 2:0x1E, **, 16:0xF0)	-	16	13	13	HDMI
335	Select HDMI 1/2 at no using 0: Both no select,1:Select HDMI 1, 2: Select HDMI 2	-	2	0	0	HDMI
336	PRMB : preamble criteria	-	31	6	6	HDMI
337	HDCP : HDCP enable criteria	-	31	12	12	HDMI
338	Picture Output Mode Select OUTTYP[1:0]	-	2	0	0	uPD64015
339	Digital LPF Through Control LPFTHR[1:0]	-	3	0	0	uPD64015
340		-	1	0	0	uPD64015
341	ADC Sampling Delay Setting ADCKS[1:0]	-	3	3	3	uPD64015
342	Clock Setting in Component Mode CPNFSC	-	1	1	1	uPD64015
343	Color System Change Detection Time Setting DETOUT[3:0]	-	15	4	4	uPD64015
344	Color System Judgement Time Setting DETTIM[3:0]	-	15	4	4	uPD64015
345	Burst Lock Detection Variable Setting CLKVA	-	1	1	1	uPD64015
346	Burst Lock Detection Condition Setting CLKLL[6:0]	-	127	37	37	uPD64015
347	ARI Gain Fine Adjustment R GAIN[4:0]	-	31	16	16	uPD64015
348	FHD Output Delay Adjustment FHDDL[5:0]	TEXT	63	20	20	uPD64015
349	FHD Output Range Setting FHDWD[1:0]	TEXT	3	1	1	uPD64015
350	FVD Output Delay Adjustment1 FVDDL[2:0]	TEXT	7	7	7	uPD64015
351	FVD Output Delay Adjustment2 FVDHDL[2:0]	TEXT	7	1	1	uPD64015
352	For Europe : Transmission of Station Name Check Command	-	2	0	0	SAA5361
353	For Europe : Result of Station Name Check	-	-	-	-	SAA5361
354	Pedestal Level Correction Sensitivity Adjustment PEDIIRS2	-	1	0	0	uPD64015
355	AGI Gain Fine Adjustment G GAIN[4:0]	-	31	16	16	uPD64015
356	Jitter Filter Select FLTSEL[1:0]	-	3	0	0	uPD64015
357	ABI Gain Fine Adjustment B GAIN[4:0]	-	31	16	16	uPD64015
358	FB Signal Input Delay Adjustment 4BH:FBCNT[2:1] & 4CH:FBCNT[0]	-	7	0	0	uPD64015
359	Analog RGB Signal Input Delay Adjustment 4Ch:RGBCNT[2] & 4Dh:4Ch:RGBCNT[1:0]	-	7	0	0	uPD64015

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
360	Sub Contrast Gain Adjustment SBCNT[5:0]		63	32	32	uPD64015
361	Sub Color Cb Gain Adjustment CBGAIN[5:0]		63	32	32	uPD64015
362	Sub Color Cr Gain Adjustment CRGAIN[5:0]		63	32	32	uPD64015
363	YGC Auto Mode Select YGCAUTO		1	0	0	uPD64015
364	YGC Manual Gain Value Setting YGCVAL[6:0]		127	58	58	uPD64015
365	YGC Select YGCOFF		1	0	0	uPD64015
366	YGC Control Mode Select1 YGCMVS		1	0	0	uPD64015
367	Progressive Y Signal Gain Select YPGAINS[1:0]		3	1	1	uPD64015
368	YGC Control Mode Select YGCAVAL[6:0]		31	9	9	uPD64015
369	YGC Control Mode Select2 MAXIIRS		1	0	0	uPD64015
370	DC Level Control Mode Select PEDIIRS[1:0]		3	1	1	uPD64015
371	YGC Control Mode Select4 YGCIIRS[1:0]		3	1	1	uPD64015
372	Vertical Sync Signal Slice Level Setting VSYLSE[3:0]	RF	15	10	10	uPD64015
373		AV	15	10	10	uPD64015
374		480i/576i	15	10	10	uPD64015
375	Horizontal Sync Signal Slice Level Setting SYLSE[3:0]	RF	15	9	9	uPD64015
376		AV	15	9	9	uPD64015
377		480i/576i	15	9	9	uPD64015
378	Sync Slice Slice Level Setting for Progressive PSYLSE[3:0]		15	9	9	uPD64015
379	Vertical Sync Signal Detection Range Setting VDETTIM		1	0	0	uPD64015
380	Vertical Sync Signal Detection Correction Setting VDETG		1	1	1	uPD64015
381	Horizontal Sync Signal False Detection Prevention Setting MASKHD		1	1	1	uPD64015
382	Vertical Sync Output Switching for Digital RGB VDFB		1	0	0	uPD64015
383	Noise Level Detection Characteristic Setting1 NDUMODE		1	0	0	uPD64015
384	Noise Level Detection Characteristic Setting2 NDUD2H		1	0	0	uPD64015
385	Noise Level Detection Sensitivity Setting1 NDUWSC[1:0]		3	1	1	uPD64015
386	Noise Level Detection Sensitivity Setting2 NDUXSC[1:0]		3	1	1	uPD64015
387	3 Dimensional Y/C Separate Operation Mode Select NSDS[1:0]		3	0	0	uPD64015
388	Line Comb Filter Operation Mode YCSV[1:0]		3	0	0	uPD64015
389	3 Line Comb Select Sensitivity Setting1 VCOMA[1:0]		3	2	2	uPD64015
390	3 Line Comb Select Sensitivity Setting2 VCOMB[1:0]		3	2	2	uPD64015
391	Y Trap Filter Characteristic Select (NTSC, PAL) YCSHY[1:0]		3	0	0	uPD64015
392	C Separate Filter Characteristic Select (NTSC, PAL) YCSHC[1:0]		3	0	0	uPD64015
393	Chroma Output Filter Processing Select COBPFOFF		1	0	0	uPD64015
394	Chroma Output Frequency Characteristic Correction Select YCSCOF[2:0]		4	0	0	uPD64015
395	Y Trap Filter Select (SECAM) YCSSY[2:0]		6	0	0	uPD64015
396	Vertical Logical Comb Select Sensitivity Setting VLTYPE		1	1	1	uPD64015
397	C Separate Filter Select (SECAM) YCSSC[2:0]		6	0	0	uPD64015
398	Aperture Select VAPONV		1	1	1	uPD64015
399	V Aperture Gain Select VAPG[2:0]	RF	7	2	5	uPD64015
400		AV	7	5	4	uPD64015
401		480i/576i	7	6	4	uPD64015
402	V Aperture Convergent Point Setting VAPI[4:0]		31	20	20	uPD64015
403	PAL Color Phase Distortion Correction Select PALCFIL[1:0]		3	0	0	uPD64015
404	Y Signal 2fc Denoising Effect Select YCSY2F[1:0]		3	3	3	uPD64015
405	Y/C timing for L(6.5) system	RF Main	15	8	8	uPD64015
406	Trap Filter Select TRF[1:0]		3	0	0	uPD64015
407	Trap Filter Gain Setting TRGAIN[2:0]		7	0	0	uPD64015
408	Trap Filter Setting TRPAL		1	0	0	uPD64015
409	Y/C timing for L'(6.5) system	RF Main	15	8	8	uPD64015
410	Motion Detection Mode Setting MSS[1:0]		3	0	0	uPD64015
411	Y Motion Detection Coring Setting DYCOT[3:0]	NTSC	15	2	2	uPD64015
412	Y Motion Detection Coring Setting DYCOT[3:0]	Except NTSC mode	15	3	3	uPD64015
413	Y Motion Detection Gain Setting DYGAINT[3:0]	NTSC	15	9	9	uPD64015
414	Y Motion Detection Gain Setting DYGAINT[3:0]	Except NTSC mode	15	9	9	uPD64015
415	C Motion Detection Coring Setting DCCOT[3:0]	NTSC	15	3	3	uPD64015
416	C Motion Detection Coring Setting DCCOT[3:0]	Except NTSC mode	15	2	2	uPD64015
417	C Motion Detection Gain Setting DCGAINT[3:0]	NTSC	15	6	6	uPD64015
418	C Motion Detection Gain Setting DCGAINT[3:0]	Except NTSC mode	15	11	11	uPD64015
419	Motion Detection Characteristic Test1 SELYCLM[1:0]		3	1	1	uPD64015

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
420	Motion Detection Characteristic Test2 SELDYH2F		1	0	0	uPD64015
421	Motion Detection Characteristic Test3 SELDCH2F		1	1	1	uPD64015
422	Motion Detection Characteristic Test6 SELD1FL		1	0	0	uPD64015
423	Color Demodulation Burst Gate Pulse Range Setting BGP2WD[3:0]		15	10	10	uPD64015
424	Color Demodulation Burst Gate Pulse Starting Point Setting BGP2ST[3:0]		15	8	8	uPD64015
425	Demodulation Part Force Killer Setting KILON		1	0	0	uPD64015
426	Time Constant Setting for Color Demodulation APC APCGAIN[1:0]		3	1	1	uPD64015
427	Time Constant Setting for Color Demodulation ACC ACCGAIN[1:0]		3	1	1	uPD64015
428	Control Characteristic Setting for Color Demodulation ACC ACCLIM[3:0]		15	8	8	uPD64015
429	SECAM Burst Pulse Position Correction SBGTDL[2:0]		7	7	7	uPD64015
430	PAL Line Detection Strength Setting PIDSTR[4:0]		31	4	4	uPD64015
431	SECAM Line Detection Strength Setting SIDSTR[4:0]		31	8	8	uPD64015
432	SECAM System Judgement Strength Setting SDETSTR[7:0]		255	168	168	uPD64015
433	3DNR Mode Setting NRMODE[1:0]		3	2	2	uPD64015
434	YNR Process Stop YNRSTOP		1	1	1	uPD64015
435	YNRLPF Process Yes/No YNRLPFON		1	0	0	uPD64015
436	YNR Nonlinear Filter Gain Setting YNRGAIN[1:0]		3	2	2	uPD64015
437	YNR Nonlinear Filter Convergence Level Setting YNRCORE[2:0]		7	3	3	uPD64015
438	YNR Nonlinear Filter Limit Level Setting YNRLIM[2:0]		7	3	3	uPD64015
439	YNR Motion Detection between Frames Coring Setting YMVDCORE[3:0]		15	6	6	uPD64015
440	YNR Motion Detection between Frames Gain Setting YNRMVDG[3:0]		15	6	6	uPD64015
441	YNR Motion Detection between Frames Setting YNRMDOFF		1	1	1	uPD64015
442	CNR Process Stop CNRSTOP		1	1	1	uPD64015
443	CNRLPF Process Yes/No CNRLPFON		1	0	0	uPD64015
444	CNR Nonlinear Filter Gain Setting CNRGAIN[1:0]		3	3	3	uPD64015
445	CNR Nonlinear Filter Convergence Level Setting CNRCORE[2:0]		7	3	3	uPD64015
446	CNR Nonlinear Filter Limit Level Setting CNRLIM[2:0]		7	3	3	uPD64015
447	CNR Motion Detection between Frames Coring Setting CMVDCORE[3:0]		15	4	4	uPD64015
448	CNR Motion Detection between Frames Gain Setting CNRMVDG[3:0]		15	4	4	uPD64015
449	CNR Motion Detection between Frames Setting CNRMDOFF		1	1	1	uPD64015
450	Setup Level Correction Setting1 STNTSCM	RF	1	0	0	uPD64015
451		AV(Except 480i/576i)	1	0	0	uPD64015
452		AV(480i/576i)	1	0	0	uPD64015
453	Setup Level Correction Setting2 STPALD[2:0]	RF	7	0	0	uPD64015
454		AV(Except 480i/576i)	7	0	0	uPD64015
455		AV(480i/576i)	7	0	0	uPD64015
456	Sub Contrast Adjustment SBCNT[7:0]	RF(M)	255	128	108	uPD64015
457		RF(BG)	255	128	108	uPD64015
458		RF(DK)	255	128	108	uPD64015
459		RF(I)	255	128	108	uPD64015
460		RF(LL')	255	128	108	uPD64015
461		AV(Except 480i/576i)	255	128	108	uPD64015
462		AV(480i/576i)	255	128	128	uPD64015
463	Sub Color Adjustment for Cb SBCLRU[7:0]	RF	255	128	128	uPD64015
464		AV(Except 480i/576i)	255	128	128	uPD64015
465		AV(480i/576i)	255	128	128	uPD64015
466	Sub Color Adjustment for Cr SBCLRV[7:0]	RF	255	128	128	uPD64015
467		AV(Except 480i/576i)	255	128	128	uPD64015
468		AV(480i/576i)	255	128	128	uPD64015
469	Y Noise Coring1 YCONR[3:0]	NTSC	10	0	0	uPD64015
470		Except NTSC	10	0	0	uPD64015
471		480i/576i	10	0	0	uPD64015
472	C Noise Coring1 CCONR[3:0]	NTSC	8	0	0	uPD64015
473		Except NTSC	8	4	4	uPD64015
474		480i/576i	8	0	0	uPD64015
475	Brightness Signal Noise Coring2 YCORB[3:0]	NTSC	10	0	0	uPD64015
476		Except NTSC	10	0	0	uPD64015
477		480i/576i	10	0	0	uPD64015
478	Brightness Signal Noise Coring2 Control YCOREN	NTSC	1	1	1	uPD64015
479		Except NTSC	1	1	1	uPD64015

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
480		480i/576i	1	1	1	uPD64015
481	Brightness Signal Noise Coring (highpass) YCORH[2:0]	NTSC	7	0	0	uPD64015
482		Except NTSC	7	0	0	uPD64015
483		480i/576i	7	0	0	uPD64015
484	Color-Difference Signal Noise Coring2 CCORB[3:0]	NTSC	10	0	0	uPD64015
485		Except NTSC	10	0	0	uPD64015
486		480i/576i	10	0	0	uPD64015
487	Color-Difference Signal Noise Coring2 Control CCOREN	NTSC	1	0	0	uPD64015
488		Except NTSC	1	0	0	uPD64015
489		480i/576i	1	0	0	uPD64015
490	LTI Correction Amount Adjustment LTIGAIN[3:0]	RF(M)	15	0	0	uPD64015
491		RF(Except M)	15	0	0	uPD64015
492		NTSC	15	0	0	uPD64015
493		Except NTSC	15	1	1	uPD64015
494		480i/576i	15	0	0	uPD64015
495	CTI Correction Amount Adjustment CTIGAIN[3:0]	RF(M) *In substitution for M Group Delay of Correction	15	0	0	uPD64015
496		RF(Except M)	15	0	0	uPD64015
497		NTSC	15	0	0	uPD64015
498		Except NTSC	15	7	7	uPD64015
499		480i/576i	15	0	0	uPD64015
500	Filter Setting for LTI LTITAP[2:0]	RF(M)	7	2	2	uPD64015
501		RF(Except M)	7	2	2	uPD64015
502		NTSC	7	2	2	uPD64015
503		Except NTSC	7	1	1	uPD64015
504		480i/576i	7	7	7	uPD64015
505	Coring Setting for LTI LTICORE[3:0]	NTSC	11	3	3	uPD64015
506		Except NTSC	11	3	3	uPD64015
507		480i/576i	11	3	3	uPD64015
508	Filter Setting for CTI CTITAP[2:0]	RF(M)	7	2	2	uPD64015
509		RF(Except M)	7	2	2	uPD64015
510		NTSC	7	2	2	uPD64015
511		Except NTSC	7	5	5	uPD64015
512		480i/576i	7	2	2	uPD64015
513	Coring Setting for CTI CTICORE[3:0]	RF(M)	9	3	3	uPD64015
514		RF(Except M)	9	3	3	uPD64015
515		NTSC	9	3	3	uPD64015
516		Except NTSC	9	3	3	uPD64015
517		480i/576i	9	3	3	uPD64015
518	Sharpness Adjustment SHPGAIN[7:0]	RF(M)	255	150	160	uPD64015
519		RF(BG)	255	150	150	uPD64015
520		RF(DK)	255	150	160	uPD64015
521		RF(I)	255	160	170	uPD64015
522		RF(LL')	255	150	160	uPD64015
523		TEXT	255	128	128	uPD64015
524		NTSC(Ex.S Input)→S:#692	255	150	140	uPD64015
525		Except NTSC(Ex.S Input)→S:#693	255	130	140	uPD64015
526		480i/576i →576i:#694	255	130	140	uPD64015
527	Filter Setting for Sharpness SHPCHAR[2:0]	RF	6	3	3	uPD64015
528		NTSC	6	3	3	uPD64015
529		Except NTSC	6	3	3	uPD64015
530		TEXT	6	3	3	uPD64015
531		480i/576i	6	3	3	uPD64015
532	Coring Setting for Sharpness SHPCORE[3:0]	RF	10	0	0	uPD64015
533		NTSC	10	0	0	uPD64015
534		Except NTSC	10	0	0	uPD64015
535		TEXT	10	0	0	uPD64015
536		480i/576i	10	0	0	uPD64015
537	Luminance Adjustment (First 8Bits) BRIGHT[9:2]	NTSC mode	255	128	128	uPD64015
538	Luminance Adjustment (First 8Bits) BRIGHT[9:2]	Except NTSC mode	255	128	128	uPD64015
539	Luminance Adjustment (First 8Bits) BRIGHT[9:2]	480i/576i	255	128	128	uPD64015

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
540	Luminance Adjustment (Last 2Bits) BRIGHT[1:0]	NTSC mode	3	0	0	uPD64015
541	Luminance Adjustment (Last 2Bits) BRIGHT[1:0]	Except NTSC mode	3	0	0	uPD64015
542	Luminance Adjustment (Last 2Bits) BRIGHT[1:0]	480i/576i	3	0	0	uPD64015
543	R-Y Axis Adjustment OFRY[5:0]	NTSC	63	32	32	uPD64015
544		Except NTSC	63	32	32	uPD64015
545	Color Adjustment COLORG[7:0]	RF(M)	255	115	110	uPD64015
546		RF(BG)	255	120	110	uPD64015
547		RF(DK)	255	120	110	uPD64015
548		RF(I)	255	120	110	uPD64015
549		RF(LL')	255	120	110	uPD64015
550		TEXT	255	128	128	uPD64015
551		NTSC	255	120	138	uPD64015
552		Except NTSC	255	123	134	uPD64015
553		480i/576i	255	128	128	uPD64015
554	Tint Adjustment HUE[7:0]	RF(M)	255	150	135	uPD64015
555		RF(Except M)	255	128	128	uPD64015
556		NTSC(Ex.S Input)→S:#695	255	126	128	uPD64015
557		Except NTSC(Ex.S Input)→S:#696	255	124	133	uPD64015
558		480i	255	125	128	uPD64015
559		576i	255	130	130	uPD64015
560	Contrast Adjustment CONT[7:0]	NTSC	255	108	118	uPD64015
561		Except NTSC	255	108	118	uPD64015
562		480i/576i	255	114	108	uPD64015
563	APL Detection Line Setting APLWID[5:0]	50Hz	63	0	0	uPD64015
564		60Hz	63	0	0	uPD64015
565	APL Detection Time Constant Setting APLCOE[3:0]	50Hz	15	5	5	uPD64015
566		60Hz	15	5	5	uPD64015
567	Direct Transmission Rate Correction Amount Setting DCREGAIN[3:0]		15	8	8	uPD64015
568	Black Stretch Correction Amount Setting BLEXGAIN[5:0]		63	16	16	uPD64015
569	Black Stretch Correction APL Adaptive Amount ABLEXST[3:0]		15	0	0	uPD64015
570	Black Stretch Correction Operation Point Setting BLEXST[7:0]		255	0	0	uPD64015
571	White Peak Correction Amount Setting GAMGAIN[3:0]		15	0	0	uPD64015
572	White Peak Correction APL Adaptive Amount Setting AGAMGAIN[3:0]		15	0	0	uPD64015
573	White Peak Correction Operation Point Setting GAMST[7:0]		255	255	255	uPD64015
574	Black Stretch Correction Setting BLEXCTL		1	0	0	uPD64015
575	White Peak Correction Setting YGAMCTL		1	0	0	uPD64015
576	ACL Correction Amount Setting ACLSEN[3:0]		15	0	0	uPD64015
577	ACL Correction Operation Point Setting ACLST[7:0]		255	255	255	uPD64015
578	Image Blanking Setting YVBCTL		1	1	1	uPD64015
579	LPF Characteristic Setting for Color-Difference CR Signal CRLPF[1:0]		3	1	1	uPD64015
580	LPF Characteristic Setting for Color-Difference Cb Signal CBLPF[1:0]		3	1	1	uPD64015
581	Burst Gate Pulse Range Setting BGPWD[3:0]	NTSC	15	8	8	uPD64015
582		Except NTSC	15	8	8	uPD64015
583	Burst Gate Pulse Starting Point Setting BGPST[3:0]	NTSC	15	8	8	uPD64015
584		Except NTSC	15	8	8	uPD64015
585	Killer Level Setting KILLV[3:0]	RF NTSC	15	8	8	uPD64015
586		RE PAL	15	8	8	uPD64015
587		RF SECAM	15	8	8	uPD64015
588		AV NTSC	15	3	3	uPD64015
589		AV PAL	15	3	3	uPD64015
590		AV SECAM	15	3	3	uPD64015
591	Killer Level Setting for Color System Judgement KILLVCTL[3:0]	RF NTSC	15	9	9	uPD64015
592		RF PAL	15	9	9	uPD64015
593		RF SECAM	15	9	9	uPD64015
594		AV NTSC	15	9	9	uPD64015
595		AV PAL	15	9	9	uPD64015
596		AV SECAM	15	9	9	uPD64015
597	Burst Lock PLL Gain Setting FSCFGAN		1	1	1	uPD64015
598	Phase Error Detection Setting for Burst Lock FSCSYC		1	0	0	uPD64015
599	Burst Lock PLL Phase Error Detection Level Setting GAINSEL		1	0	0	uPD64015

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
600	Vertical Sync Signal Pull-in Range Select VLIM		1	0	0	uPD64015
601	V Counter Free Run Setting at No Signal Mode NSGVFRUN		1	1	1	uPD64015
602	Line Lock Clock Free Run Setting at No Signal Mode NSGFRUN		1	0	0	uPD64015
603	Vertical Sync Signal Correction VDCOR		1	0	0	uPD64015
604	Line Lock PLL Gain Setting HPLLGL[4:0]	RF	31	3	3	uPD64015
605	Line Lock PLL Phase Detection Condition Setting HPLLSIG		1	0	0	uPD64015
606	Line Lock PLL Response Correction Setting HPLLH2		1	1	1	uPD64015
607	Line Lock PLL Response Correction Coefficient1 HPLLH21[7:0]		255	32	32	uPD64015
608	Line Lock PLL Response Correction Coefficient2 HPLLH22[7:0]		255	8	8	uPD64015
609	PWM Select for Clamp PWMSEL[1:0]		3	3	3	uPD64015
610	Motion Detection Gain Setting D2FGAIN[2:0]	NTSC	7	5	5	uPD64015
611	Motion Detection Coring Setting D2FCOR[6:0] (3D Comb.= for High/Low&OFF→0)	NTSC mode	127	7	7	uPD64015
612		Except NTSC mode	127	7	7	uPD64015
613	Motion Detection Characteristic Test8 C2O	NTSC mode	1	0	0	uPD64015
614	Offset Subtraction Value(NR=ON) for Sharpness Adjustment(#518~522)	RF (NR=ON)	63	50	50	uPD64015
615	Motion Detection Characteristic Test9 MDMVD	NTSC mode	1	0	0	uPD64015
616	Motion Detection LPF Setting MVDLPFON		1	0	0	uPD64015
617	Motion Detection H Black Stretch Setting TESDOT[2:0]	NTSC	7	0	0	uPD64015
618		Except NTSC	7	0	0	uPD64015
619	Y Motion Detection Gain Setting CLIPSELY[1:0]	NTSC	3	1	1	uPD64015
620		Except NTSC mode	3	2	2	uPD64015
621	C Motion Detection Gain Setting CLIPSELC[1:0]	NTSC	3	3	3	uPD64015
622		Except NTSC mode	3	3	3	uPD64015
623	Nonlinear Filter Setting1 NFP_3[3:0]	NTSC	15	3	3	uPD64015
624		Except NTSC mode	15	5	5	uPD64015
625	Nonlinear Filter Setting2 NFP_7[3:0]	NTSC	15	7	7	uPD64015
626		Except NTSC mode	15	9	9	uPD64015
627	Nonlinear Filter Setting3 NFP_B[3:0]	NTSC	15	10	10	uPD64015
628		Except NTSC mode	15	10	10	uPD64015
629	Line Comb Filter Operation Mode YCSV_c[1:0]		3	0	0	uPD64015
630	3 Line Comb Select Sensitivity Setting1 VCOMA_c[1:0]		3	2	2	uPD64015
631	3 Line Comb Select Sensitivity Setting2 VCOMB_c[1:0]		3	2	2	uPD64015
632	BPF Select for Y/C Separate Chroma FIL15ON	NTSC	1	0	0	uPD64015
633		Except NTSC mode	1	1	1	uPD64015
634	Logical Comb Bandwidth Setting for Brightness COMB_y	NTSC	1	0	0	uPD64015
635		Except NTSC mode	1	0	0	uPD64015
636	Logical Comb Bandwidth Setting for Chroma COMB_c	NTSC	1	0	0	uPD64015
637		Except NTSC mode	1	0	0	uPD64015
638	Vertical Logical Comb Select Sensitivity Setting VLTYPE_c	NTSC	1	1	1	uPD64015
639		Except NTSC mode	1	1	1	uPD64015
640	Logical Comb Characteristic Select SELU		1	1	1	uPD64015
641	Setting for 1 Line Chroma Action ONE_CRMA	NTSC	1	0	0	uPD64015
642		Except NTSC mode	1	1	1	uPD64015
643	Setting for 1 Line Chroma at Abnormal Condition OCRENNST	NTSC	1	0	0	uPD64015
644		Except NTSC mode	1	0	0	uPD64015
645	Narrow Band BPF Setting for Chroma FIL15NAR		1	1	1	uPD64015
646	1 Line Chroma Detection Gain Setting V1PSEL[7:0]	PAL	255	64	64	uPD64015
647		NTSC	255	64	64	uPD64015
648		SECAM	255	64	64	uPD64015
649		PAL-M	255	64	64	uPD64015
650		PAN-N	255	64	64	uPD64015
651	1 Line Chroma Coring Setting ONE_CROCOR[7:0]	PAL	255	64	64	uPD64015
652		NTSC	255	64	64	uPD64015
653		SECAM	255	64	64	uPD64015
654		PAL-M	255	64	64	uPD64015
655		PAN-N	255	64	64	uPD64015
656	SECAM Filter Setting SDIEF_SEL[1:0]	RF	3	0	0	uPD64015
657		AV	3	0	0	uPD64015
658	Trap Filter Setting at Abnormal Condition TRENNST	RF	1	0	0	uPD64015
659		AV	1	0	0	uPD64015

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
660	Y/C timing for M(4.5) system	RF-Main	15	6	6	uPD64015
661	Y/C timing for (5.5MHz PAL/NTSC4.43) system	RF Main	15	8	8	uPD64015
662	Y/C timing for (5.5MHz SECAM) system	RF Main	15	8	8	uPD64015
663	Y/C timing for (6.0MHz PAL/NTSC4.43) system	RF Main	15	8	8	uPD64015
664	Y/C timing for (6.0MHz SECAM) system	RF Main	15	8	8	uPD64015
665	DAC Output Image Sync Comparison Setting DACLEVEL		1	0	0	uPD64015
666	Blanking Period Level Setting INBLK50IRE		1	0	0	uPD64015
667	Line Lock PLL Gain Setting HPLL[4:0]	AV	31	6	6	uPD64015
668	Motion Detection Gain Setting D2FGAIN[2:0]	Except NTSC mode	7	5	5	uPD64015
669	Y/C timing for (6.5MHz PAL/NTSC4.43) system	RF Main	15	8	8	uPD64015
670	HS Phase Setting for RGB Mix HSYNCDLY	TEXT-1 Picture	1	1	1	uPD64015
671	Latter Part VS Phase Setting for RGB Mix VSDLY		1	0	0	uPD64015
672	SG Color Setting SGCOLOR[2:0]		7	0	0	uPD64015
673	SG Mode Setting (0:OFF/1:Ramp/2:Raster/3:STEP/4:BAR[75%]/5:[100%])		5	0	0	uPD64015
674	Y/C timing for (6.5MHz SECAM) system	RF Main	15	8	8	uPD64015
675	SG Level Setting SGPELLEV		1	0	0	uPD64015
676		TEXT-2 Picture	1	1	1	uPD64015
677	Motion Detection Characteristic Test8 C2O	Except NTSC mode	1	0	0	uPD64015
678	Motion Detection Characteristic Test9 MDMVD	Except NTSC mode	1	0	0	uPD64015
679	Color Processing Status SETCOLOR[3:0] (READ Value)		-	-	-	uPD64015
680	Color System Detection Mode MODDET (READ Value)		-	-	-	uPD64015
681	Composite V Judgement-Input (0:no signal/1:50Hz/2:60Hz)		-	-	-	uPD64015
682	Composite V Judgement-Result (1:50Hz/2:60Hz)		-	-	-	uPD64015
683	No Signal Detection Characteristic Setting SIGDETLV		1	1	1	uPD64015
684	Image Input Signal Status Setting SIGON		1	0	0	uPD64015
685	Image Input Signal Status Setting SIGOFF		1	0	0	uPD64015
686	Field Frequency Setting TV50F		1	0	0	uPD64015
687	Field Frequency Setting TV60F		1	0	0	uPD64015
688	50 Hz Image Signal Sub Carrier 504M		1	0	0	uPD64015
689	50 Hz Image Signal Sub Carrier 503M		1	0	0	uPD64015
690	COLOR SYSTEM Judgement Method (0:Normal/1:System1&2 Correction has no effect)		1	0	0	uPD64015
691	Sharpness Gain(TEXT-2 pictures)	Sub	15	0	0	TB1274
692	Sharpness Adjustment SHPGAIN[7:0]	NTSC(S Input) Separate from #524	255	150	125	uPD64015
693		Except NTSC(S Input) Separate from #525	255	155	125	uPD64015
694		576i Separate from #526	255	130	130	uPD64015
695	Tint Adjustment HUE[7:0]	NTSC(S Input) Separate from #556	255	130	133	uPD64015
696		Except NTSC(S Input) Separate from #557	255	124	137	uPD64015
697	DCBLV (COOL)		1	1	1	PDP
698	DCBLV (NORMAL/WARM/B&W)		1	0	0	PDP
699	DCBLV (RGB)		1	0	0	PDP
700	Mode display 0:Normal, 1:RF mode only, 2:All		2	0	0	M30627
701	Horizontal Position of OSD		15	7	7	OSD
702	Vertical Position of OSD		15	7	7	OSD
703	Typical Value of Contrast OSD	DYNAMIC	31	31	31	M30627
704	Temperature for Fun start (Temp High)		254	58	58	TEMP
705	Temperature for Fun stop (Temp Low)		254	55	55	TEMP
706	Display of internal temperature °C (Temperature)		125	-	-	TEMP
707	Power Save/Screen Saver On/Off Setting at Initialize, Reset and Shipping	P.S/S.S 0:Off/20m 1:On/Off 2:Off/Off	2	0	0	M30627
708	PC Power Save function (0:Impossible, 1:Possible)		1	1	1	M30627
709	Movement Amount of Image Retention Reduction Operation 0:±2pixel/1:±4pixel/2:±6pixel/3:±10pixel	Adjustment Value is available only during HD single picture mode.	3	0	0	FC
710	480i,576i switch 0:uPD64015, 1:TA1391(Though)		1	0	0	TA1391FG
711	Wait Time for POWER SAVE function (s)	VIDEO/PC	254	15	15	M30627
712	BURN-IN enable/ disable	0:Disenable, 1:Enable	1	1	1	M30627
713	BURN-IN mode		2	2	2	PDP
714	Recovery to an error of OSC frequency of Ceramic resonator for timer		62	34	34	M30627
715	EURO DK-SECAM MASK(V=60) 0:Normal 1:Mask(V=60)		1	0	0	-
716	Set Sound System at Auto mode of Sound Sys. (0:auto, 1:4.5MHz)	Main	1	0	0	M30627
717	Power condition at power save mode of PC mode after done RESET function	0:Keep last condition, 1:Return to normal condition	1	0	0	M30627
718	Select Wide mode for Europe model (Normal= 5mode/ For Service= 10 mode)	0:Normal, 1:For service	1	0	0	M30627
719	Thermo sensor function available or not 0:None, 1:Yes		1	0	0	M30627

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
720	EURO SOUND SYSTEM DK Disable 0:Enable, 1:Disable		1	0	0	M30627
721	Remote Function available 0:NO, 1:YES		1	1	1	M30627
722	Key Function available 0:NO, 1:YES		1	1	1	M30627
723	Terminal Mode Function available 0:Not Available, 1:Available	RS232C	1	1	1	M30627
724	Set Taiwan/Korea/South America 0:Others 1: Taiwan/Korea/South America		1	0	0	M30627
725	Language (Refer to below)		10	0	0	M30627
726	Hotel Mode(0:No, 1:Yes)		2	0	0	M30627
727	Initial Audio Level available (0:No 1: Yes)		1	0	0	M30627
728	Initial Audio Level		63	20	20	M30627
729	Size button available (0:No 1:Yes)		1	1	1	M30627
730	Multi Picture button available (0:No 1:Yes)		1	1	1	M30627
731	Photo button available (0:No 1:Yes)		1	1	1	M30627
732	Set LCD Panel 0:LG 1:DP	For LCD Panel	1	0	0	M30627
733	Analog Data (0:Keep EEPROM, 1:Not Keep to EEPROM)		1	0	0	M30627
734	Maximum Volume Limit		63	63	63	M30627
735	Power Mode(0:Last mode, 1:Pos1, 2-7:V1-6, 8-9:RGB1-2)		9	0	0	M30627
736	Channel Select (0:CCIR, 1:CHINA)		1	0	0	M30627
737	Auto_sound 4.5 (0:Korea, 1:BTSC, 2:Japan)		2	0	0	M30627
738	T/TEXT(0:None, 1:Yes)		1	1	1	M30627
739	Channel Preset(0:VESTEL, 1:GIFU, 2:HAMA, 3:HFDM, 4:AUSTRALIA)		4	1	1	M30627
740	Australia Preset 0: None, 1: yes		1	0	0	M30627
741	V FREQ 60Hz Force (0:None, 1:Yes)		1	0	0	M30627
742		For COMPAL factory	20	11	11	M30627
743		For COMPAL factory	1	0	0	M30627
744	PDP-BLK ON/OFF	1:ON, 0:OFF	1	0	0	PDP
745	IIC BUS Data/Clock Open(0:Close, 1:Open)		1	0	0	M30627
746	Gray level of BM	Index	31	4	4	BM
747	Display of BM version		127	-	-	BM
748	TA1391: SYNC SW Change	0:SYNC, 1:HDVD1&2	1	0	0	M30627
749	f V Number of time on Judgement Conformance(M30625/TA1370)	-	31	2	2	M30627
750	f V Number of time on Judgement Conformance(M30625/TA1370)	-	31	2	2	M30627
751	f V Number of time on Judgement Conformance(TB1274)	-	31	2	2	M30627
752	Lower Limits value for Sync Detect of 2ms interval	For AFC at TV mode	254	25	25	M30627
753	Lower Limits value for Sync Detect of 2ms interval	For Free Running at TV mode	254	30	30	M30627
754	Lower Limits value for Sync Detect of 2ms interval	For AUTO OFF at TV mode	254	25	25	M30627
755	Lower Limits value for Sync Detect of 2ms interval	For Free Running at AV mode	254	30	30	M30627
756	Lower Limits value for Sync Detect of 2ms interval	For Power Save at AV mode	254	25	25	M30627
757	Upper Limits Value for Sync Detect of 2ms interval	For AFC at TV mode	254	40	40	M30627
758	Upper Limits Value for Sync Detect of 2ms interval	For Free Running at TV mode	254	45	45	M30627
759	Upper Limits Value for Sync Detect of 2ms interval	For AUTO OFF at TV mode	254	35	35	M30627
760	Upper Limits Value for Sync Detect of 2ms interval	For Free Running at AV mode	254	45	45	M30627
761	Upper Limits Value for Sync Detect of 2ms interval	For Power Save at AV mode	254	45	45	M30627
762	COLOR SYSTEM CONTROL-MODE(0:BW, 2:3.58NTSC, 3:4.43NTSC, ...)	Main	-	-	-	M30627
763	COLOR SYSTEM CONTROL-MODE(0:BW, 2:3.58NTSC, 3:4.43NTSC, ...)	Sub	-	-	-	M30627
764	2msSync Judgement Count Value	Main	-	-	-	M30627
765	2msSync Judgement Count Value	Sub	-	-	-	M30627
766	TB1274 Read Data(00h)	Sub	-	-	-	TB1274
767	TB1274 Read Data(01h)	Sub	-	-	-	TB1274
768	MSP Read Data (CNTRLO) (D15-D8)		-	-	-	MSP3455G
769	MSP Read Data (CNTRLO) (D 7-D0)		-	-	-	MSP3455G
770	MSP Read Data (STANDARD_RES) (D15-D8)		-	-	-	MSP3455G
771	MSP Read Data (STANDARD_RES) (D 7-D0)		-	-	-	MSP3455G
772	MSP Read Data (STATUS) (D15-D8)		-	-	-	MSP3455G
773	MSP Read Data (STATUS) (D 7-D0)		-	-	-	MSP3455G
774	TA1391FG Read Data(00h)		-	-	-	TA1391FG
775	TA1391FG Read Data(01h)		-	-	-	TA1391FG
776	TA1391FG Read Data(02h)		-	-	-	TA1391FG
777	TA1391FG Read Data(03h)		-	-	-	TA1391FG
778	TA1391FG Read Data(04h)		-	-	-	TA1391FG
779	TA1391FG Read Data(05h)		-	-	-	TA1391FG

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Adj. No	Function		Max. value	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
780	TA1391FG Read Data(06h)		-	-	-	TA1391FG
781	TA1391FG Read Data(07h)		-	-	-	TA1391FG
782	Sil9021 Read Data SYNC1 : VSYNC/Clock detect/Sync detect 1		-	-	-	HDMI
783	Sil9021 Read Data NHRDL1 : N hardware value 1 Last 7Bits		-	-	-	HDMI
784	Sil9021 Read Data NHRDM1 : N hardware value 1 Middle 7Bits		-	-	-	HDMI
785	Sil9021 Read Data NHRDH1 : N hardware value 1 First 4Bits		-	-	-	HDMI
786	Sil9021 Read Data CHRDL1 : CTS hardware value 1 Last 7Bits		-	-	-	HDMI
787	Sil9021 Read Data CHRDM1 : CTS hardware value 1 Middle 7Bits		-	-	-	HDMI
788	Sil9021 Read Data CHRDH1 : CTS hardware value 1 First 4Bits		-	-	-	HDMI
789	Sil9021 Read Data ACR1 : ACR PLL hardware value 1		-	-	-	HDMI
790	Sil9021 Read Data ACS1 : ACR PLL hardware value 1 Depends on Source Side		-	-	-	HDMI
791	Sil9021 Read Data SFREQ1 : "Extracted Sampling Frequency 1 channel status b24-27(same value at 0x30)"		-	-	-	HDMI
792	Sil9021 Read Data CLKFRQ1: Clock Accuracy/Sampling Frequency 1		-	-	-	HDMI
793	Sil9021 Read Data ALNG1 : Audio length/Audio length max 1		-	-	-	HDMI
794	Sil9021 Read Data MT MD1 : AV mute/HDMI mode 1		-	-	-	HDMI
795	Sil9021 Read Data VTYP1 : AVI infoframe type code 1 (Requested)		-	-	-	HDMI
796	Sil9021 Read Data VVER1 : AVI infoframe version code 1(Requested)		-	-	-	HDMI
797	Sil9021 Read Data VINFO11: AVI infoframe data 1		-	-	-	HDMI
798	Sil9021 Read Data VINFO21:		-	-	-	HDMI
799	Sil9021 Read Data VINFO31:		-	-	-	HDMI
800	Sil9021 Read Data VINFO41:		-	-	-	HDMI
801	Sil9021 Read Data VINFO51:		-	-	-	HDMI
802	Sil9021 Read Data ATYP1 : AUDIO InfoFrame Type Code 1 (Requested)		-	-	-	HDMI
803	Sil9021 Read Data AVER1 : AUDIO InfoFrame Version Code 1 (Requested)		-	-	-	HDMI
804	Sil9021 Read Data AINFO11: AUDIO InfoFrame Data Bytes 1		-	-	-	HDMI
805	Sil9021 Read Data AINFO21:		-	-	-	HDMI
806	Sil9021 Read Data AINFO31:		-	-	-	HDMI
807	Sil9021 Read Data AINFO41:		-	-	-	HDMI
808	Sil9021 Read Data AINFO51:		-	-	-	HDMI
809	Sil9021 Read Data H-RES(H) Decimal Notation×100		-	-	-	HDMI
810	Sil9021 Read Data H-RES(L) Decimal Notation×1		-	-	-	HDMI
811	Sil9021 Read Data V-RES(H) Decimal Notation×100		-	-	-	HDMI
812	Sil9021 Read Data V-RES(L) Decimal Notation×1		-	-	-	HDMI
813	Reset function of accumulation time for WVGA/LCD Panel	0:Normal 1:Reset	1	0	0	M30627
814	Accumulation time for Panel (hours)		65535	-	-	PDP/LCD
815	Display of Panel map version		255	-	-	PDP
816	W/B Initialize		1	-	-	M30627
817	Gain adjustment of RGB amplifier (FLAON)	Main	-	-	-	FC
818	EEPROM Initialize(0:No, 1:Yes)		1	0	0	M30627
819	Enter to SUB adjust menu		-	-	-	M30627
820	Enter to service menu of FC sub mi-con		-	-	-	FC

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● Service adjustment items by I²C-bus control (SUB adjust menu)

(*The change to a sub menu. press “ok” key after no.659 with a main menu)

Adj. No	Function			Max.	Init. Value		Device
	ADJ. Items	Mode			PDP	LCD	
0	R DRIVE1 [RF/VIDEO/HDMI]	COOL		255	255	230	PDP/FC
1	G DRIVE1 [RF/VIDEO/HDMI]	COOL		255	255	230	PDP/FC
2	B DRIVE1 [RF/VIDEO/HDMI]	COOL		255	255	255	PDP/FC
3	R DRIVE2 [RF/VIDEO/HDMI]	NORMAL		255	255	230	PDP/FC
4	G DRIVE2 [RF/VIDEO/HDMI]	NORMAL		255	255	230	PDP/FC
5	B DRIVE2 [RF/VIDEO/HDMI]	NORMAL		255	255	230	PDP/FC
6	R DRIVE3 [RF/VIDEO/HDMI]	WARM		255	255	230	PDP/FC
7	G DRIVE3 [RF/VIDEO/HDMI]	WARM		255	255	230	PDP/FC
8	B DRIVE3 [RF/VIDEO/HDMI]	WARM		255	255	230	PDP/FC
9	R DRIVE4 [RF/VIDEO/HDMI]	BLACK & WHITE		255	255	230	PDP/FC
10	G DRIVE4 [RF/VIDEO/HDMI]	BLACK & WHITE		255	255	230	PDP/FC
11	B DRIVE4 [RF/VIDEO/HDMI]	BLACK & WHITE		255	255	230	PDP/FC
12	R DRIVE1 [DSUB-RGB]	COOL		255	255	230	PDP/FC
13	G DRIVE1 [DSUB-RGB]	COOL		255	255	230	PDP/FC
14	B DRIVE1 [DSUB-RGB]	COOL		255	255	255	PDP/FC
15	R DRIVE2 [DSUB-RGB]	NORMAL		255	255	230	PDP/FC
16	G DRIVE2 [DSUB-RGB]	NORMAL		255	255	230	PDP/FC
17	B DRIVE2 [DSUB-RGB]	NORMAL		255	255	230	PDP/FC
18	R DRIVE3 [DSUB-RGB]	WARM		255	255	230	PDP/FC
19	G DRIVE3 [DSUB-RGB]	WARM		255	255	230	PDP/FC
20	B DRIVE3 [DSUB-RGB]	WARM		255	255	230	PDP/FC
21	R DRIVE4 [DSUB-RGB]	BLACK & WHITE		255	255	230	PDP/FC
22	G DRIVE4 [DSUB-RGB]	BLACK & WHITE		255	255	230	PDP/FC
23	B DRIVE4 [DSUB-RGB]	BLACK & WHITE		255	255	230	PDP/FC
24	R DRIVE3 OFFSET (0[-128] ~ 128[±0] ~ 255[+127])	WARM		255	128	128	-
25	G DRIVE3 OFFSET (0[-128] ~ 128[±0] ~ 255[+127])	WARM		255	110	118	-
26	B DRIVE3 OFFSET (0[-128] ~ 128[±0] ~ 255[+127])	WARM		255	72	108	-
27	R DRIVE4 OFFSET (0[-128] ~ 128[±0] ~ 255[+127])	BLACK & WHITE		255	128	128	-
28	G DRIVE4 OFFSET (0[-128] ~ 128[±0] ~ 255[+127])	BLACK & WHITE		255	89	104	-
29	B DRIVE4 OFFSET (0[-128] ~ 128[±0] ~ 255[+127])	BLACK & WHITE		255	45	74	-
30	Brightness Center (CM)	NTSC/PAL/Multi		254	128	128	FC
31	Brightness Center (CM)	Scart-RGB(50/60Hz)		254	128	128	FC
32	Brightness Center (CM)	480i/576i/480p/576p		254	128	128	FC
33	Brightness Center (CM)	1080i-50/60/720p		254	126	128	FC
34	Brightness Center (CM)	→HDMI		254	128	123	FC
35	Brightness Center (CM)	DTT		254	128	128	FC
36	Brightness Center (CM)	DSUB-RGB		254	128	128	FC
37	Brightness Center (CM)	Expand DSUB-RGB (Reserved)		254	128	128	FC
38	Brightness center (CM) offset	AV1		254	127	127	FC
39	Brightness center (CM) offset	AV2		254	127	127	FC
40	Brightness center (CM) offset	AV3		254	127	127	FC
41	Brightness center (CM) offset	AV4		254	127	127	FC
42	Brightness center (CM) offset	AV5		254	127	127	FC
43	→#223 ~			-	-	-	-
44	Color Center (CM)	→480p/576p		127	80	84	FC
45	Color Center (CM)	Scart-RGB(50/60Hz)		127	70	70	FC
46	Color Center (CM)	HD(YPbPr)(50/60Hz)		127	70	88	FC
47	Color Center (CM)	→HDMI(480i/576i/480p/576p)		127	80	103	FC
48	Color Center (CM)	→HDMI(1080i-50/60/720p-50/60)		127	85	111	FC
49	Color Center (CM)	→HDMI(VGA)		127	62	103	FC
50	Color Center (CM)	DTT		127	70	65	FC
51	Color Center (CM)	DSUB-RGB		127	64	64	FC
52	→#229 ~			-	-	-	-
53	Tint Center (CM)	Scart-RGB(50Hz)		254	128	146	FC
54	Tint Center (CM)	Scart-RGB(60Hz)		254	128	146	FC
55	Tint Center (CM)	→576p		254	123	131	FC
56	Tint Center (CM)	→480p		254	116	120	FC
57	Tint Center (CM)	HD(YPbPr)(50/60Hz)		254	110	123	FC
58	Tint Center (CM)	HDMI-YCbCr(50Hz:576i/576p)		254	126	130	FC
59	Tint Center (CM)	HDMI-YCbCr(60Hz:480i/480p)		254	126	125	FC

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Adj. No	Function		Max.	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
60	Tint Center (CM)	HDMI-YPbPr(1080i-50/60/720p)	254	135	138	FC
61	Tint Center (CM)	→HDMI(VGA)	254	128	125	FC
62	Tint Center (CM)	DTT	254	121	126	FC
63	Tint Center (CM)	DSUB-RGB	254	128	128	FC
64	Center of Sharpness (HV Enhancer Gain for Y)	RF	31	10	18	FC
65	Center of Sharpness (HV Enhancer Gain for Y)	VIDEO	31	15	15	FC
66	Center of Sharpness (HV Enhancer Gain for Y)	Scart-RGB(50/60Hz)	31	14	14	FC
67	Center of Sharpness (HV Enhancer Gain for Y)	480i/576i	31	15	14	FC
68	Center of Sharpness (HV Enhancer Gain for Y)	480p/576p	31	15	20	FC
69	Center of Sharpness (HV Enhancer Gain for Y)	720p	31	6	6	FC
70	Center of Sharpness (HV Enhancer Gain for Y)	1080i-50/60	31	6	18	FC
71	Center of Sharpness (HV Enhancer Gain for Y)	TEXT(for split)	31	19	19	FC
72	Center of Sharpness (HV Enhancer Gain for Y)	→HDMI(480i/576i)	31	8	20	FC
73	Center of Sharpness (HV Enhancer Gain for Y)	→HDMI(480p/576p)	31	10	20	FC
74	Center of Sharpness (HV Enhancer Gain for Y)	→HDMI(720p-50/60)	31	10	20	FC
75	Center of Sharpness (HV Enhancer Gain for Y)	→HDMI(1080i-50/60)	31	10	5	FC
76	Center of Sharpness (HV Enhancer Gain for Y)	→HDMI(VGA)	31	10	23	FC
77	Center of Sharpness (HV Enhancer Gain for Y)	DTT	31	14	20	FC
78	Contrast Center (CM)	RF	254	137	137	FC
79	Contrast Center (CM)	AV1	254	137	137	FC
80	Contrast Center (CM)	AV2	254	137	137	FC
81	Contrast Center (CM)	AV3	254	137	137	FC
82	Contrast Center (CM)	AV4	254	137	137	FC
83	Contrast Center (CM)	AV5	254	137	137	FC
84	Contrast Center (CM)	→HDMI(With Setup)	254	149	149	FC
85	Contrast Center (CM)	→HDMI(Without Setup)	254	128	128	FC
86	Contrast Center (CM)	DTT	254	137	137	FC
87	Contrast Center (CM)	DSUB-RGB	254	128	128	FC
88	Contrast Center (CM)	Expand DSUB-RGB (Reserved)	254	128	128	FC
89	Maximum Value of Contrast at REAL/NORMAL mode		254	188	188	FC
90	Offset Value of Contrast data at SPLIT mode		120	53	53	FC
91		→#220 ~ 222	-	-	-	-
92	Horizontal Enhance	TEXT	3	3	3	FC
93	Vertical Enhance	TEXT	3	3	3	FC
94	Horizontal Filter Switching [HHPF0]	NTSC/480i	1	0	0	FC
95	(Enlargement Adaptive Enhancer)[HHPF1]	PAL/576i	1	0	0	FC
96	[HHPF2]	480p/576p/1080i-50/60/720p	1	0	0	FC
97	Horizontal Coring Amount [HECOR1]	NTSC-RF	15	3	3	FC
98	(Enlargement Adaptive Enhancer)[HECOR2]	PAL-RF/Multi	15	2	12	FC
99	[HECOR3]	NTSC-VIDEO	15	1	3	FC
100	[HECOR4]	PAL-VIDEO	15	1	3	FC
101	[HECOR5]	Scart-RGB(50/60Hz)	15	15	15	FC
102	[HECOR5]	480i/576i	15	15	5	FC
103	[HECOR6]	480p/576p	15	15	5	FC
104	[HECOR7]	1080i-50/60/720p	15	1	1	FC
105	[HECOR5]	DTT	15	15	10	FC
106	[HECORPC]	PC	15	1	1	FC
107	Vertical Coring Amount [VECOR1]	NTSC-RF	15	1	3	FC
108	(Enlargement Adaptive Enhancer)[VECOR2]	PAL-RF/Multi	15	8	3	FC
109	[VECOR3]	NTSC-VIDEO	15	1	0	FC
110	[VECOR4]	PAL-VIDEO	15	1	0	FC
111	[VECOR5]	Scart-RGB(50/60Hz)	15	15	15	FC
112	[VECOR5]	480i/576i	15	0	0	FC
113	[VECOR6]	480p/576p	15	0	15	FC
114	[VECOR7]	1080i-50/60/720p	15	15	8	FC
115	[VECOR5]	DTT	15	15	10	FC
116	[VECORPC]	PC	15	0	0	FC
117	Enhancer gain of VH for C	TEXT	31	0	0	FC
118	Coring Amplitude for Y/G [YC0R0]	NTSC/PAL-RF/Multi	7	2	2	FC
119	[YC0R1]	NTSC/PAL-VIDEO	7	0	1	FC

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Adj. No	Function		Max.	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
120	[YC0R2]	480i/576i/Scart-RGB(50/60Hz)	7	1	2	FC
121	[YC0R3]	480p/576p	7	1	1	FC
122	[YC0R4]	1080i-50/60/720p	7	1	1	FC
123	[YC0R5]	NTSC/PAL- S Input	7	4	5	FC
124	[YC0R2']	DTT	7	4	4	FC
125	Coring Amplitude for B-Y/B, R-Y/R [CC0R0]	NTSC/PAL/480i/576i/Multi	7	1	1	FC
126	[CC0R1]	480p/576p/1080i-50/60/720p	7	1	1	FC
127	Main YFRNR Input Gain 2 Picture [MYNRG0]	Except HD-HD	7	1	1	FC
128	(Sub Side of HD-NTSC, HD-PAL) [MYNRG1]	HD-HD	7	4	4	FC
129	4 Picture [MYNRG2]	NT-* /PAL-*	7	1	1	FC
130	[MYNRG3]	HD-*	7	4	4	FC
131	Sub YFRNR Input Gain [YCNRG0]	2 Picture	7	4	4	FC
132	[YCNRG1]	4 Picture/12 Picture	7	1	1	FC
133	Main CFRNR Input Gain 2 Picture [MCNRG0]	Except HD-HD	7	3	4	FC
134	(Sub Side of HD-NTSC, HD-PAL) [MCNRG1]	HD-HD	7	4	4	FC
135	[MCNRG2]	NT-* /PAL-*	7	4	4	FC
136	[MCNRG3]	HD-*	7	4	4	FC
137	Sub CFRNR Input Gain [SCNRG0]	2 Picture	7	3	4	FC
138	[SCNRG1]	4 Picture/12 Picture	7	4	4	FC
139	Vertical Enhancer Gain for Y/G [YVEG0]	NTSC/PAL(Except-RF)/480i/576i	15	15	15	FC
140	[YVEG1]	480p/576p	15	4	5	FC
141	[YVEG2]	1080i-50/60/720p	15	10	15	FC
142	[YVEG3]	PAL(-RF)/Multi	15	15	10	FC
143	[YVEG0']	DTT	15	15	15	FC
144	Vertical DSB Gain for Y/G [YVDSBG0]	NTSC/PAL/480i/576i/Multi	3	3	3	FC
145	[YVDSBG1]	480p/576p	3	0	2	FC
146	[YVDSBG2]	1080i-50/60/720p	3	2	3	FC
147	[YVDSBG0']	DTT	3	3	3	FC
148	Vertical DSB Coring for Y/G [YVDSBC0]	NTSC/PAL/480i/576i/Multi	7	7	7	FC
149	[YVDSBC1]	480p/576p/1080i-50/60/720p	7	0	7	FC
150	[YVDSBC0']	DTT	7	7	7	FC
151	Vertical Enhancer CLIP for Y/G 0:LTl [YVECLP0]	NTSC/PAL/480i/576i/Multi	1	1	1	FC
152	[YVECLP1]	480p/576p/1080i-50/60/720p	1	0	0	FC
153	Vertical CLIP Offset Level for Y/G [YVECLPL0]	NTSC/PAL/480i/576i/Multi	15	15	5	FC
154	[YVECLPL1]	480p/576p/1080i-50/60/720p	15	8	5	FC
155	[YVECLPL0']	DTT	15	15	15	FC
156	Vertical Nonlinear Peaking for Y/G [YVNLPL0]	NTSC/PAL/480i/576i/Multi	63	0	0	FC
157	[YVNLPL1]	480p/576p/1080i-50/60/720p	63	0	0	FC
158	Horizontal Enhancer Gain for Y/G [YHEG0]	NTSC/PAL(Except-RF)/480i/576i	15	10	15	FC
159	[YHEG1]	480p/576p	15	8	15	FC
160	[YHEG2]	1080i-50/60/720p-60(720p-50↓)	15	10	15	FC
161	[YHEG2']	720p-50	15	5	10	FC
162	[YHEG3]	PAL(-RF)/Multi	15	15	15	FC
163	[YHEG0']	DTT	15	5	15	FC
164	Horizontal DSB Gain for Y/G [YHDSBG0]	NTSC/PAL/480i/576i/Multi	3	2	2	FC
165	[YHDSBG1]	480p/576p	3	2	3	FC
166	[YHDSBG2]	1080i-50/60/720p	3	2	3	FC
167	[YHDSBG0']	DTT	3	2	2	FC
168	Horizontal DSB Coring for Y/G [YHDSBC0]	NTSC/PAL/480i/576i/Multi	7	7	1	FC
169	[YHDSBC1]	480p/576p/1080i-50/60/720p	7	7	7	FC
170	[YHDSBC0']	DTT	7	7	1	FC
171	Horizontal Enhancer CLIP for Y/G 0:LTl [YHDSBC0]	NTSC/PAL/480i/576i/Multi	1	0	0	FC
172	[YHDSBC1]	480p/576p/1080i-50/60/720p	1	0	0	FC
173	Horizontal CLIP Offset level for Y/G [YHECLPL0]	RF/Multi	15	4	15	FC
174	[YHECLPL1]	NTSC/PAL-VIDEO	15	4	15	FC
175	[YHECLPL3]	480i/576i/Scart-RGB(50/60Hz)	15	4	5	FC
176	[YHECLPL2]	480p/576p/1080i-50/60/720p	15	8	15	FC
177	[YHECLPL0']	DTT	15	5	4	FC
178	Horizontal Nonlinear Peaking for Y/B [YHNLP0]	NTSC/PAL/480i/576i/Multi	63	0	0	FC
179	[YHNLP1]	480p/576p/1080i-50/60/720p	63	0	5	FC

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

Adj. No	Function		Max.	Init. Value		Device
	ADJ. Items	Mode		PDP	LCD	
180	Horizontal HPF Peak Frequency Switching for Y/G [YHHPF0]	NTSC/PAL/480i/576i/Multi	3	2	2	FC
181	[YHHPF1]	480p/576p	3	2	1	FC
182	[YHHPF2]	1080i-50/60/720p	3	2	1	FC
183	Initial value of Contrast (Degradation Reduction1)	Extend 1 of Panel Life function	127	93	17	PDP/FC
184	Interval time of correction time (Degradation Reduction1)	Extend 1 of Panel Life function	127	10	20	PDP/FC
185	Additional value of Contrast (Degradation Reduction1)	Extend 1 of Panel Life function	127	1	1	PDP/FC
186	Initial value of Contrast (Degradation Reduction2)	Extend 2 of Panel Life function	127	63	1	PDP/FC
187	Interval time of correction time (Degradation Reduction2)	Extend 2 of Panel Life function	127	6	12	PDP/FC
188	Additional value of Contrast (Degradation Reduction2)	Extend 2 of Panel Life function	127	1	1	PDP/FC
189	Power REference(RF/VIDEO)		20	12	0	PDP
190	Power REference(DSUB)		20	8	0	PDP
191	Power High Stress(RF/VIDEO)		3	0	0	PDP
192	Power High Stress(DSUB)		3	0	0	PDP
193	Menu Init. Contrast (-31[0] ~ +40[71])	For Dynamic	71	62	62	-
194	Menu Init. Contrast (-31[0] ~ +40[71])	For Natural	71	41	62	-
195	Menu Init. Contrast (-31[0] ~ +40[71])	For Cinema	71	21	57	-
196	Menu Init. Brightness (-31[0] ~ +31[62])	For Dynamic	62	31	31	-
197	Menu Init. Brightness (-31[0] ~ +31[62])	For Natural	62	31	31	-
198	Menu Init. Brightness (-31[0] ~ +31[62])	For Cinema	62	33	33	-
199	Menu Init. Color (-31[0] ~ +31[62])	For Dynamic	62	39	31	-
200	Menu Init. Color (-31[0] ~ +31[62])	For Natural	62	31	26	-
201	Menu Init. Color (-31[0] ~ +31[62])	For Cinema	62	21	23	-
202	Menu Init. Sharpness (-15[0] ~ +15[30])	For Dynamic	30	20	15	-
203	Menu Init. Sharpness (-15[0] ~ +15[30])	For Natural	30	15	10	-
204	Menu Init. Sharpness (-15[0] ~ +15[30])	For Cinema	30	10	5	-
205	Menu Init. Color Temp.(Cool[0]/Normal[1]/Warm[2]/B&W[3])	For Dynamic	3	0	0	-
206	Menu Init. Color Temp.(Cool[0]/Normal[1]/Warm[2]/B&W[3])	For Natural	3	1	1	-
207	Menu Init. Color Temp.(Cool[0]/Normal[1]/Warm[2]/B&W[3])	For Cinema	3	2	2	-
208	Menu Init. Black stretch (Off[0]/Low[1]/Mid.[2]/High[3])	For Dynamic	3	2	2	-
209	Menu Init. Black stretch (Off[0]/Low[1]/Mid.[2]/High[3])	For Natural	3	1	1	-
210	Menu Init. Black stretch (Off[0]/Low[1]/Mid.[2]/High[3])	For Cinema	3	0	0	-
211	Menu Init. YNR (Off[0]/Low[1]/High[2])	For Dynamic	2	0	0	-
212	Menu Init. YNR (Off[0]/Low[1]/High[2])	For Natural	2	0	0	-
213	Menu Init. YNR (Off[0]/Low[1]/High[2])	For Cinema	2	0	0	-
214	Menu Init. LTI (Off[0]/Low[1]/Mid.[2]/High[3])	For Dynamic	3	2	0	-
215	Menu Init. LTI (Off[0]/Low[1]/Mid.[2]/High[3])	For Natural	3	1	0	-
216	Menu Init. LTI (Off[0]/Low[1]/Mid.[2]/High[3])	For Cinema	3	0	0	-
217	Vs,Va Feed-Back control ON (VFBON)		1	0	0	PDP
218	Tint Center (CM)	576i	254	128	123	FC
219	Tint Center (CM)	480i	254	128	129	FC
220	Offset value of gain for Black Stretch function	LOW mode	63	0	0	FC
221	Offset value of gain for Black Stretch function	MID mode	63	25	30	FC
222	Offset value of gain for Black Stretch function	HIGH mode	63	55	55	FC
223	Color Center (CM)	NTSC	127	70	71	FC
224	Color Center (CM)	NTSC-S	127	70	71	FC
225	Color Center (CM)	PAL	127	70	71	FC
226	Color Center (CM)	PAL-S	127	70	71	FC
227	Color Center (CM)	480i	127	70	71	FC
228	Color Center (CM)	576i	127	70	71	FC
229	Tint Center (CM)	NTSC	254	128	129	FC
230	Tint Center (CM)	NTSC-S	254	128	129	FC
231	Tint Center (CM)	PAL	254	128	131	FC
232	Tint Center (CM)	PAL-S	254	128	131	FC
233	dummy233		-	-	-	-
234	dummy234		-	-	-	-
235	dummy235		-	-	-	-
236	dummy236		-	-	-	-
237	dummy237		-	-	-	-
238	dummy238		-	-	-	-
239	dummy239		-	-	-	-

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Adj. No	Function			Max.	Init. Value		Device
	ADJ. Items	Mode			PDP	LCD	
240	dummy240			-	-	-	-
241	dummy241			-	-	-	-
242	dummy242			-	-	-	-
243	dummy243			-	-	-	-
244	dummy244			-	-	-	-
245	dummy245			-	-	-	-
246	dummy246			-	-	-	-

● Factory Reset

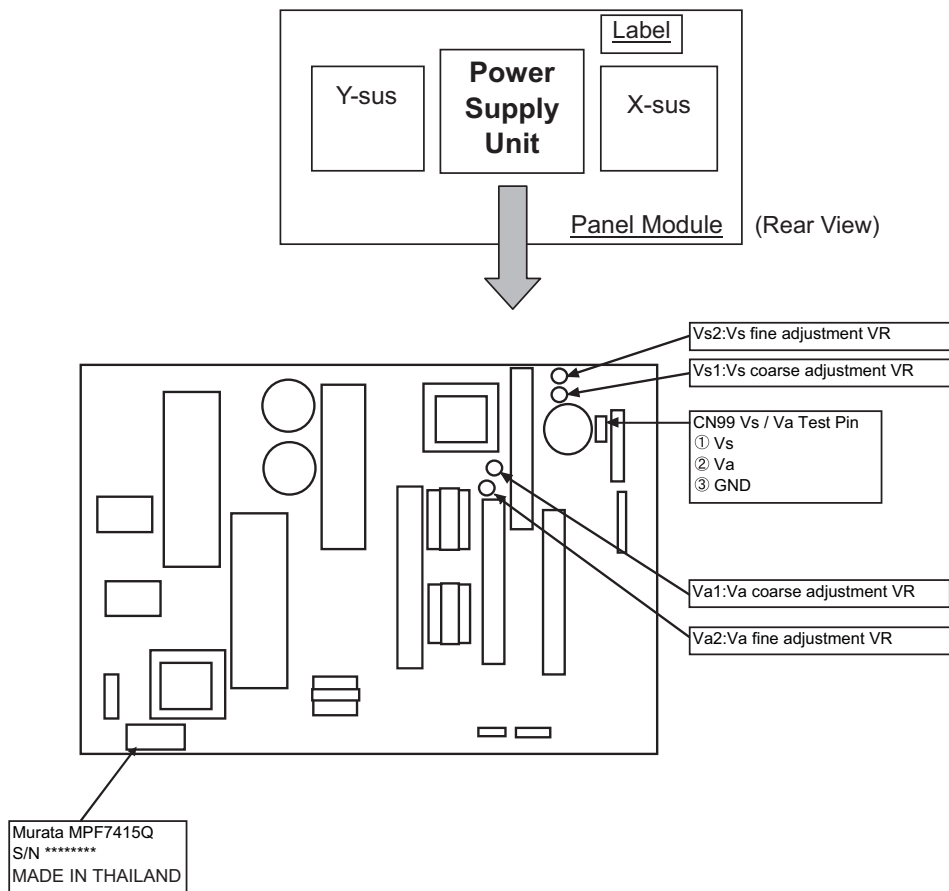
After all of the adjustments of main chassis are finished, perform FACTORY RESET.

Press the SUB-POWER() button, INPUT SELECT() button and ▲ button at the same time, and hold for more than 5 seconds.

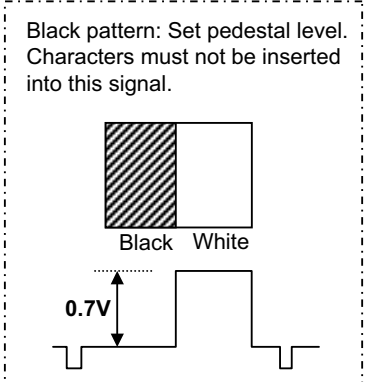
The unit is set to factory settings.

42PD8800/32LD8800

Item	Power Unit Vs, Va Adjustment	
Applicable Model	42PD8800 ONLY	
Preparation		Procedure
(1)	Turn on the set and perform pre-heat run more than 1 min on burn-in screen.	(1) Turn Vs ADJ to adjust Vs voltage to be within $\pm 0.1V$ of the value specified in the label on the panel. ① Adjust within $\pm 1V$ at Vs1 ② Adjust within $\pm 0.1V$ at Vs2
(2)	Receive full back pattern signal (or Video silence signal; but it will be automatically turned off after a few seconds by power save function.)	(2) Turn Va ADJ to adjust Va voltage to be within $\pm 0.2V$ of the value specified in the label on the panel. ① Adjust within $\pm 1V$ at Va1 ② Adjust within $\pm 0.2V$ at Va2
(3)	Connect voltmeter leads to Vs (or Va) and GND test points of the power unit.	(3) Reconfirm that Vs voltage remains within $\pm 0.1V$ of the specified value. Readjust if it's outside of the margin. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Label example</p> <p><LOT>N6 Vs= 80.0V Va=60.0V Vw=140.0V Vx=60.0V</p> </div>

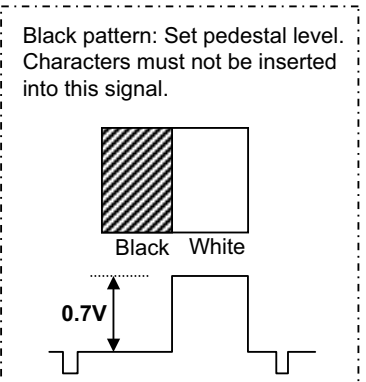


42PD8800/32LD8800

Item	RGB Amplitude Adjustment (PC D-Sub input)	
Applicable Model	All models	
Preparation		Procedure
(1)	Input RGB amplitude adjustment signal of VGA (60Hz) into RGB2 [D-sub] terminal. <div style="border: 1px dashed black; padding: 10px; margin: 10px auto; width: fit-content;"> <p>Black pattern: Set pedestal level. Characters must not be inserted into this signal.</p>  </div>	(1) Receive PC signal (VGA [60Hz]), and indicate Service Adjustment Menu.(Main) (2) Select No.652 of Service Adjustment Menu. Press [OK] key more than 2 seconds to start the automatic adjustment. The adjustment completes when the OSD reappears.

[Note] Never adjust without use of the specified signal.

If that were done by mistake, the picture would become abnormal in black level, contrast and color.
In this case, it will be recovered by re-adjustment in the specified way.

Item	RGB Amplitude Adjustment (Main/Sub)	
Applicable Model	All models	
Preparation		Procedure
(1)	Input 576p or 480p adjustment signal into AV1 terminal. <div style="border: 1px dashed black; padding: 10px; margin: 10px auto; width: fit-content;"> <p>Black pattern: Set pedestal level. Characters must not be inserted into this signal.</p>  </div>	(1) Receive 576p or 480p adjustment signal on AV1 terminal input. Indicate Service Adjustment Menu. (2) Select No.652 (RGB amplitude gain adjustment Main) of Service Adjustment Menu. Press [OK] key more than 2 seconds to start the automatic adjustment. The adjustment completes when the indication [Auto Mode] at the bottom of the screen disappears. (3) Select No.653 (RGB amplitude gain adjustment Sub) of Service Adjustment Menu. Press [OK] key more than 2 seconds to start the automatic adjustment. The adjustment completes when the indication [Auto Mode] at the bottom of the screen disappears.

[Note] Never adjust without use of the specified signal.

If that were done by mistake, the picture would become abnormal in black level, contrast and color.
In this case, it will be recovered by re-adjustment in the specified way.

42PD8800/32LD8800

Item		Video Color Temperature Adjustment (Cool)	
Applicable Model		42PD8800 ONLY	
Adjustment Preparations		Adjustment Procedures	
(1)	Set the signal generator output as All White.	(1)	Perform the following adjustment with the remote control
(2)	Component signal (480i) Video level : 0.700Vp-p Sync level : 0.300Vp-p Setup level : 0V	(2)	Set the CRT color analyzer (CA100) at the center of the panel.
(3)	Picture Menu is set as [RESET].	(3)	Ensure that the service adjustment menu (sub menu) No. 0, 1, 2, are all set as 255.
(4)	Confirm that the mode is set as Factory Adjustment mode.	(4)	After receiving the video signal, step down the two (or one) among adjustment No. 0, 1, 2 and adjust the values as shown below.
		Note) At least one of the data should be 255.	
		<div style="border: 1px solid black; padding: 10px; text-align: center;"> Specification Video color temperature (Cool) $x=0.270\pm0.005$ $y=0.275\pm0.005$ </div>	
Applicable Model		32LD8800 ONLY	
Adjustment Preparations		Adjustment Procedures	
(1)	Set the signal generator output as All White (Window ratio: 100%)	(1)	Perform the following adjustment with the remote control.
(2)	Component signal (480i) Video level : 0.560Vp-p Sync level : 0.286Vp-p Setup level : 0V	(2)	Set the CRT color analyzer (CA-210) at the center of the panel.
(3)	Picture Menu is set to standard [Dynamic] mode. Set [Contrast mode] to [Normal].	(3)	Ensure that the adjustment No. 0, 1 of Service Adjustment Menu (Sub) are set to 230, and No.2 is set to 255. If the value is not 255, set it to 255.
(4)	Confirm that the mode is set as Factory Adjustment mode.	(4)	After receiving the video signal, step down the two (or one) among adjustment No. 0, 1, 2 and adjust the values as shown below.
		Note) At least one of the data should be either 230 or 255.	
		<div style="border: 1px solid black; padding: 10px; text-align: center;"> Specification Video color temperature (Cool) $x=0.266\pm0.005$ $y=0.264\pm0.005$ </div>	

42PD8800/32LD8800

Item		Video Color Temperature Adjustment (Normal)	
Applicable Model		42PD8800	
Preparation		Procedure	
(1)	Set signal generator output as All White (Window ratio: 100%).	(1)	Perform the following adjustment with the remote control.
(2)	Component signal (480i) Video level : 0.700Vp-p Sync level : 0.300Vp-p Setup level : 0V	(2)	Set the CRT Color Analyzer (CA-100) at the center of the panel.
(3)	Check that Picture Menu is set as [RESET] mode.	(3)	Ensure that service adjustment menu (sub) No. 3, 4, 5 are all set as 255.
(4)	Set into Factory Adjustment mode.	(4)	After receiving the video signal, step down the two (or one) among adjustment No. 3, 4, 5 and adjust the values as shown below.
			(Note) At least one of the data should be 255.
			<div style="border: 1px dashed black; padding: 10px; margin: 10px 0;"> <p><Specification> Video color Color temperature (Normal) x=0.285±0.005 y=0.293±0.005</p> </div>
Applicable Model		32LD8800	
Preparation		Procedure	
(1)	Set signal generator output as All White (Window ratio: 100%).	(1)	Perform the following adjustment with the remote control.
(2)	Component signal (480i) Video level : 0.560Vp-p Sync level : 0.286Vp-p Setup level : 0V	(2)	Set the CRT Color Analyzer (CA-210) at the center of the panel.
(3)	Picture Menu is set to standard [Dynamic] mode. Set [Contrast mode] to [Normal].	(3)	Ensure that adjustment No. 3, 4, 5 of Service Adjustment Menu (Sub) are all set as 230. If the values are not 230, set them to 230.
(4)	Set into Factory Adjustment mode.	(4)	After receiving the video signal, step down the two (or one) among adjustment No. 3, 4, 5 and adjust the values as shown below.
			Note) At least one of the data should be 230.
			<div style="border: 1px dashed black; padding: 10px; margin: 10px 0;"> <p><Specification> Video color Color temperature (Normal) x=0.285±0.005 y=0.298±0.005</p> </div>

42PD8800/32LD8800

Item		Video Color Temperature Adjustment (Warm)	
Applicable Model		42PD8800	
Preparation		Procedure	
(1)	Set signal generator output as All White (Window ratio: 100%).	(1)	Perform the following adjustment with the remote control.
	(2) Component signal (480i) Video level : 0.700Vp-p Sync level : 0.300Vp-p Setup level : 0V		(2) Set the CRT Color Analyzer (CA100) at the center of the panel.
	(3) Check that Picture Menu is set as [RESET] mode.		(3) Ensure that service adjustment menu (submenu) No. 6, 7, 8 are all set as 255.
	(4) Set into Factory Adjustment mode.		(4) After receiving the video signal, step down the two (or one) among adjustment No. 6, 7, 8 and adjust the values as shown below. (Note) At least one of the data should be 255.
		<div style="border: 1px dashed black; padding: 10px; margin: 10px 0;"> <p><Specification> Video color Color temperature (Warm) x=0.314±0.01 y=0.327±0.01</p> </div>	
Applicable Model		32LD8800	
Preparation		Procedure	
(1)	Set signal generator output as All White (Window ratio: 100%).	(1)	Perform the following adjustment with remote control.
	(2) Component signal (480i) Video level : 0.560Vp-p Sync level : 0.286Vp-p Setup level : 0V		(2) Set the CRT Color Analyzer (CA-210) at the center of the panel.
	(3) Picture Menu is set to standard [Dynamic] mode. Set [Contrast mode] to [Normal].		(3) Ensure that Adjustment No. 6, 7, 8 of Service Adjustment Menu (Sub) are all set as 230. If the values are not 230, set them to 230.
	(4) Set into Factory Adjustment mode.		(4) After receiving the video signal, step down the two (or one) among adjustment No. 6, 7, 8 and adjust the values as shown below. Note) At least one of the data should be 255.
		<div style="border: 1px dashed black; padding: 10px; margin: 10px 0;"> <p><Specification> Video color Color temperature (Warm) x=0.301±0.01 y=0.314±0.01</p> </div>	

42PD8800/32LD8800

Item		Video Color Temperature Adjustment (B&W)	
Applicable Model		42PD8800	
Preparation		Procedure	
(1)	Set signal generator output as All White (Window ratio: 100%).	(1)	Perform the following adjustment with the remote control.
(2)	Component signal (480i) Video level : 0.700Vp-p Sync level : 0.300Vp-p Setup level : 0V	(2)	Set the CRT Color Analyzer (CA-100) at the center of the panel.
(3)	Check that Picture Menu is set as [RESET] mode.	(3)	Ensure that service adjustment menu (sub menu) No. 9, 10, 11 are all set as 255.
(4)	Set into Factory Adjustment mode.	(4)	After receiving the video signal, step down the two (or one) among adjustment No. 9, 10, 11 and adjust the values as shown below.
			(Note) At least one of the data should be 255.
			<div style="border: 1px dashed black; padding: 5px; margin: 10px 0;"> <Specification> Video color Color temperature (B&W) $x=0.335\pm0.01$ $y=0.343\pm0.01$ </div>
Applicable Model		32LD8800	
Preparation		Procedure	
(1)	Set signal generator output as All White (Window ratio: 100%).	(1)	Perform the following adjustment with remote control.
(2)	Component signal (480i) Video level : 0.560Vp-p Sync level : 0.286Vp-p Setup level : 0V	(2)	Set the CRT Color Analyzer (CA-210) at the center of the panel.
(3)	Picture Menu is set to standard [Dynamic] mode. Set [Contrast mode] to [Normal].	(3)	Ensure that adjustment No. 9, 10, 11 of Service Adjustment Menu are all set as 230. If the values are not 230, set them to 230.
(4)	Set into Factory Adjustment mode.	(4)	After receiving the video signal, step down the two (or one) among adjustment No. 9, 10, 11 and adjust the values as shown below.
			(Note) At least one of the data should be 230.
			<div style="border: 1px dashed black; padding: 5px; margin: 10px 0;"> <Specification> Video color Color temperature (B&W) $x=0.335\pm0.01$ $y=0.343\pm0.01$ </div>

42PD8800/32LD8800

Item		PC Color Temperature Adjustment	
Applicable Model		All models	
Preparations		Procedures	
(1)	Perform after the video color temperature adjustment.	(1)	Perform the following adjustment with the remote control
(2)	Set into Factory Adjustment mode.	(2)	Write the results of the video color temp.adjustment (Dynamic/Normal/Warm/B&W) No. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 data into Adjustment No. 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 data. * at service Adjustment sub menu. Ex.) Video adjustment PC adjustment No.0 data → No.12 data No.1 data → No.13 data No.2 data → No.14 data




7. Troubleshooting

● How to get to Burn-in mode




This mode displays the test patterns of some single color raster in turn. These signals are from built-in generator of panel. So it can be presumed that maybe the panel has some trouble when the screen of Burn-in mode is abnormal.

LCD mode also has burn-in mode and some single color signals, which generated by FC PWB.

Using the front control buttons with the set turned off (standby) can activate this mode.




Press the SUB-POWER() button, INPUT SELECT() button and VOLUME DOWN() button at the same time, and hold for more than 5 seconds.

The set turns on with single color raster and the OSD of [BURN IN: ON].

To escape from this mode, press the SUB-POWER() button, INPUT SELECT() button and  button at the same time, and hold for more than 5 seconds. Burn-in mode will be released.

● How to recover the remote and front key function



If remote and front key cannot operate after miss set special function by front keys, these functions can recover by below method.

Press the SUB-POWER() button, INPUT SELECT() button and  button at the same time, and hold for more than 5 seconds.

The set turns on the service menu mode.

Select No.535 and No.536 then each data set from [0] to [1].

Or

Press the SUB-POWER() button and  button at the same time, and hold for more than 5 seconds

● How to check method of the use accumulation time for panel.

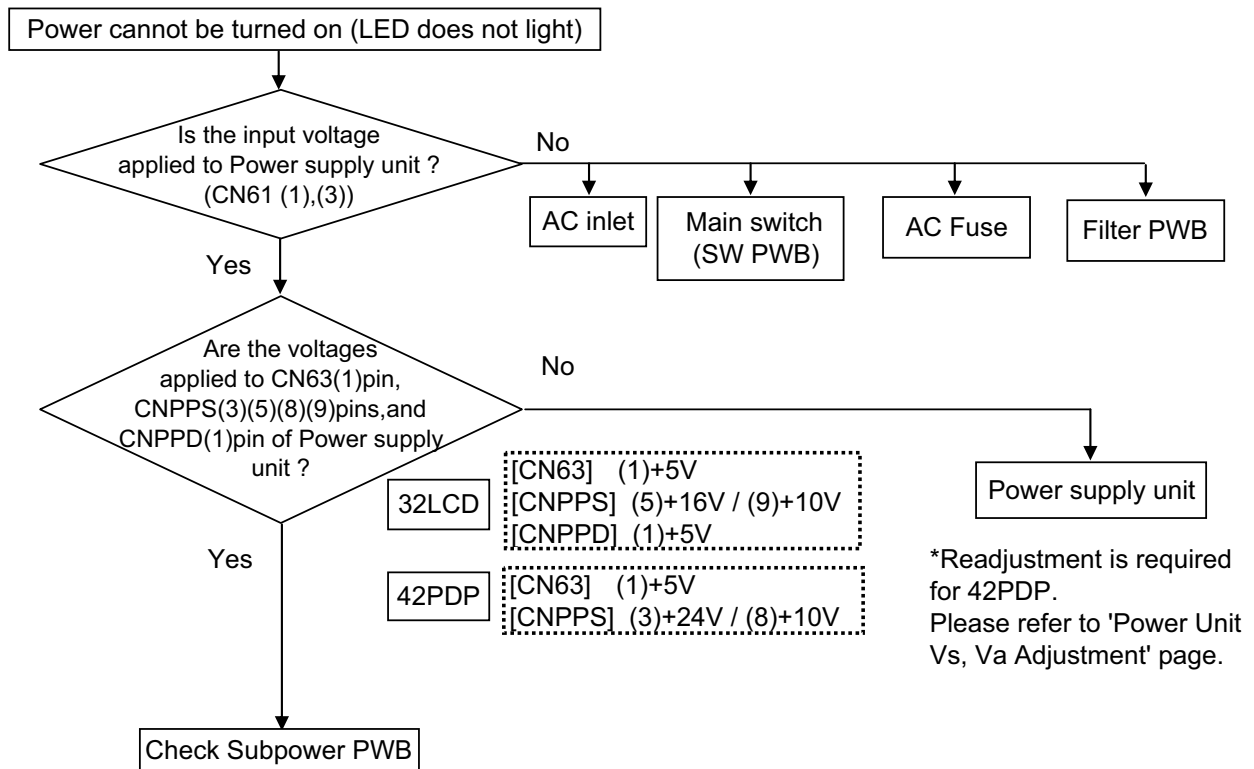
Select No.814 of Service Adjustment Menu.

● How to reset the accumulation time after replacing LCD panel.

Select No.813 of Service Adjustment Menu change data from [0] to [1] press OK.

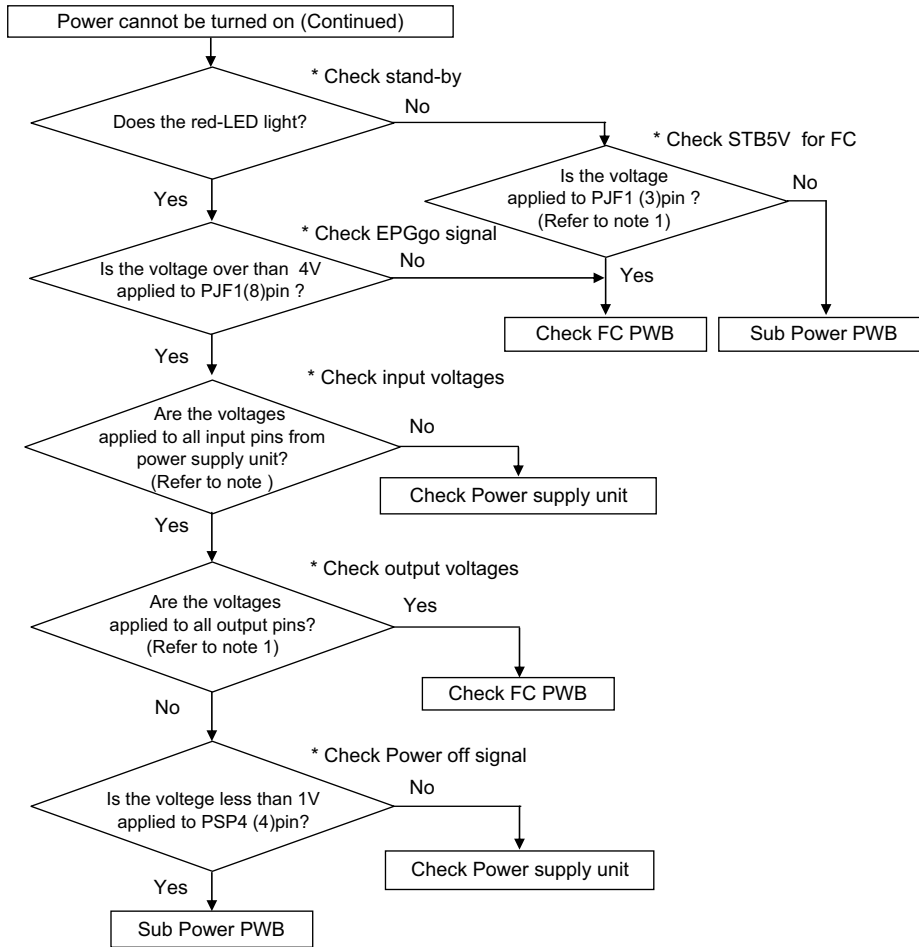
42PD8800/32LD8800

Power



42PD8800/32LD8800

Power



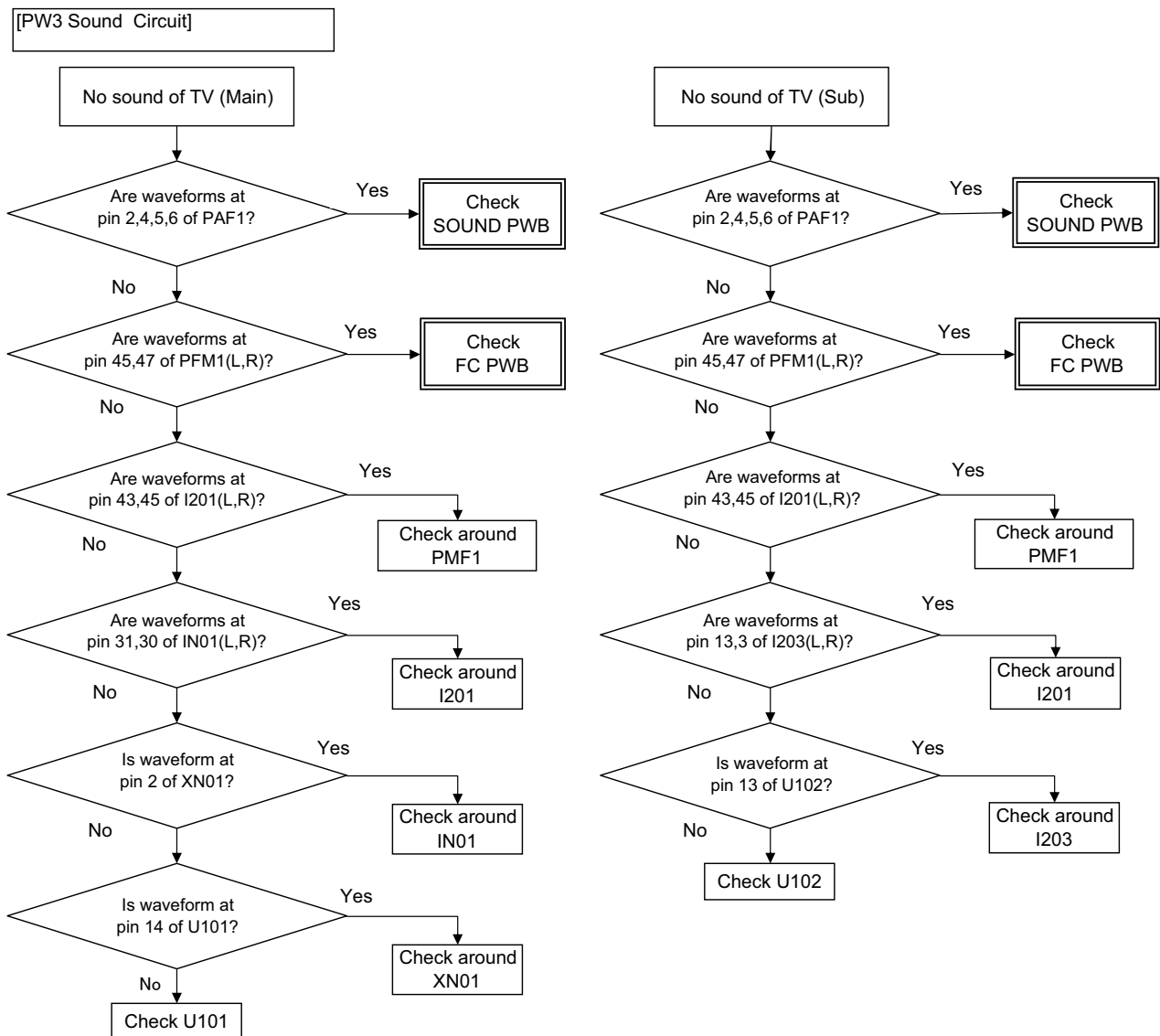
Note 1) table of input/output

input/ output	signal name	42PD8800TA		From/To
		pin No	value(V)	
input	10V	PSP1 (7)and(8)	+9.9~11.6	Power supply unit
input	24V	PSP1 (3)and(4)	+23.75~26.25	Power supply unit
input	STB5.8V	PSP4 (1)and(2)	+5.5~6.1	Power supply unit
output	5.5V	PJB1 (1)and(2)	+5.4~5.9	Bridge media unit
output	30V	PJM1 (1)	+31.3~33.6	Main PWB
output	10V	PJM1 (3)	+9.9~11.1	Main PWB
output	6V	PJM1 (5)	+5.4~5.9	Main PWB
output	STB5V	PJM1 (7)	+4.8~6.1	Main PWB
output	S3.3V	PJM1 (9)	+3.13~3.47	Main PWB
output	10V	PJF1 (1)	+9.9~11.1	FC PWB
output	STB5V	PJF1 (3)	+4.8~6.1	FC PWB
output	6V	PJF2 (1)and(2)	+5.4~5.9	FC PWB
output	3.3V	PJF2 (5)and(6)	+3.13~3.47	FC PWB
output	1.8V	PJF2 (9)to(11)	+1.71~1.89	FC PWB
output	3.3V	PJA1 (1)	+3.13~3.47	Audio PWB
output	+25V	PJA1 (7)to(9)	+23.75~26.25	Audio PWB

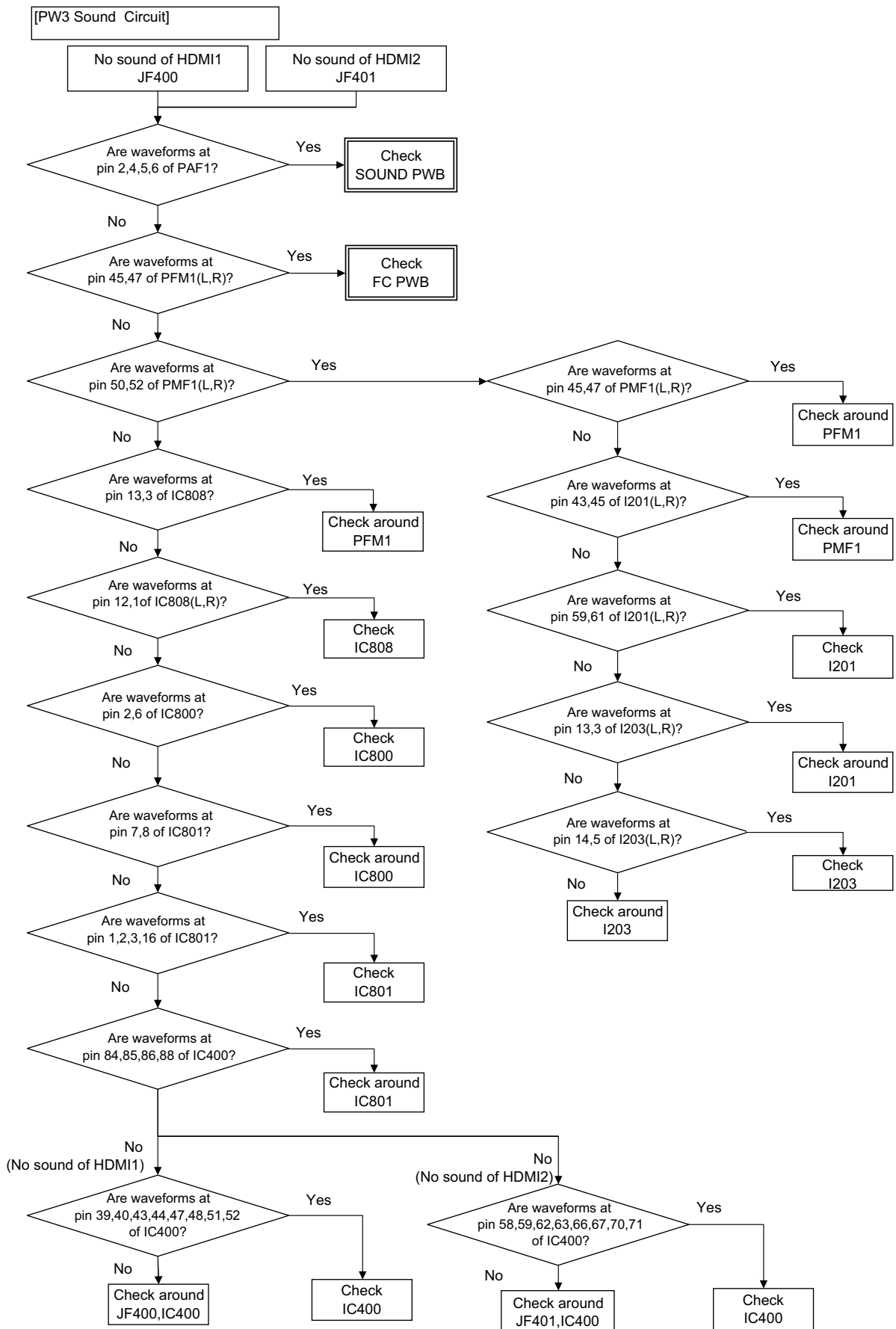
input/ output	signal name	32LD8800TA		From/To
		pin No	value(V)	
input	10V	PSP2 (9)and(12)	+9.9~11.1	Power supply unit
input	24V	PSP2 (5)and(6)	+15.8~16.9	Power supply unit
input	5.4V	PSP3 (1)to(3)	+5.4~5.9	Power supply unit
input	STB5V	PSP4 (1)	+4.8~5.5	Power supply unit
output	5.5V	PJB1 (1)and(2)	+5.4~5.9	Bridge media unit
output	30V	PJM1 (1)	+31.3~33.6	Main PWB
output	10V	PJM1 (3)	+9.9~11.1	Main PWB
output	6V	PJM1 (5)	+5.4~5.9	Main PWB
output	STB5V	PJM1 (7)	+4.8~5.5	Main PWB
output	S3.3V	PJM1 (9)	+3.13~3.47	Main PWB
output	10V	PJF1 (1)	+9.9~11.1	FC PWB
output	STB5V	PJF1 (3)	+4.8~5.5	FC PWB
output	6V	PJF2 (1)and(2)	+5.4~5.9	FC PWB
output	3.3V	PJF2 (5)and(6)	+3.13~3.47	FC PWB
output	1.8V	PJF2 (9)to(11)	+1.71~1.89	FC PWB
output	3.3V	PJA1 (1)	+3.13~3.47	Audio PWB
output	+25V	PJA1 (7)to(9)	+15.8~16.9	Audio PWB

Note 2) GND(0V) is K303P of Jump wire or the frame near Subpower PWB.

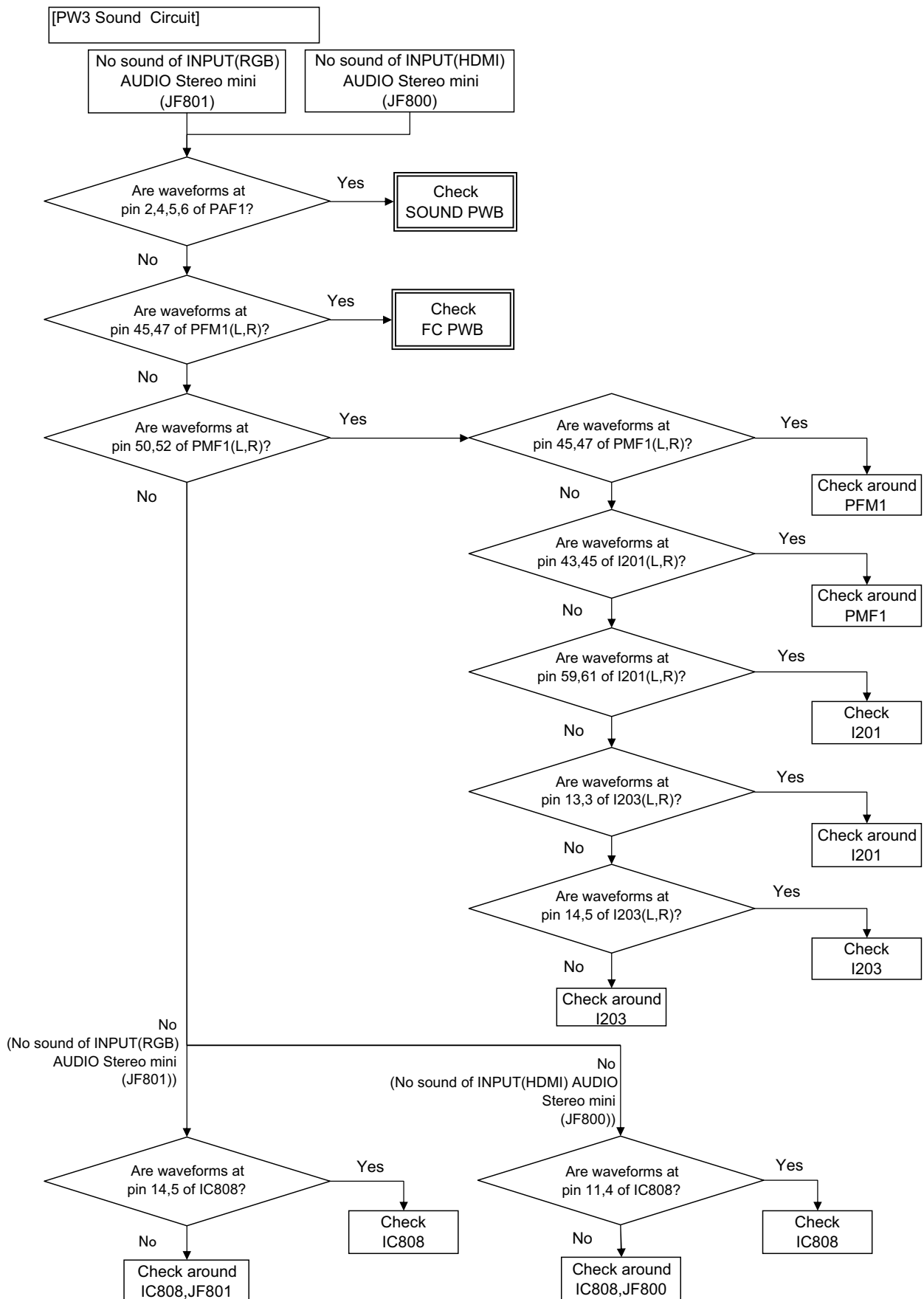
42PD8800/32LD8800

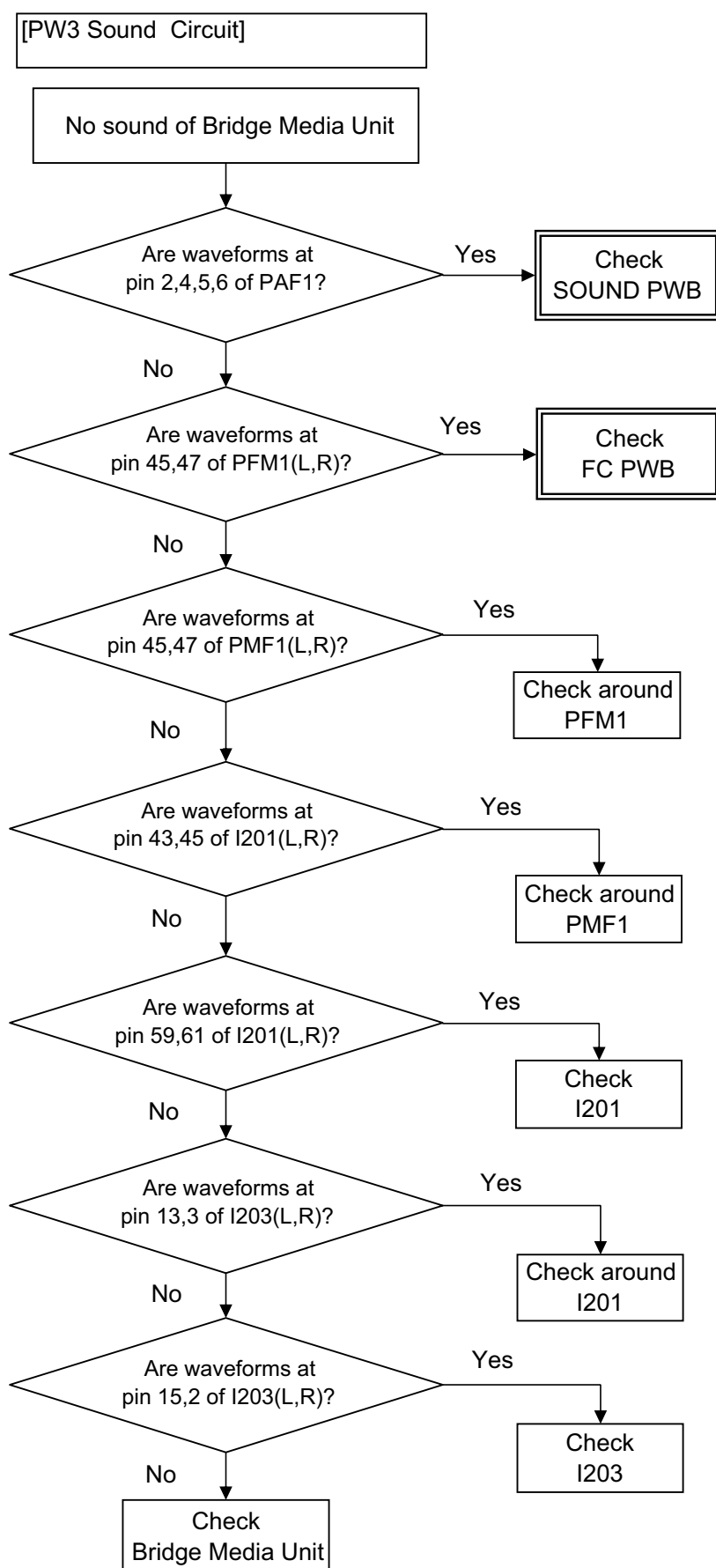


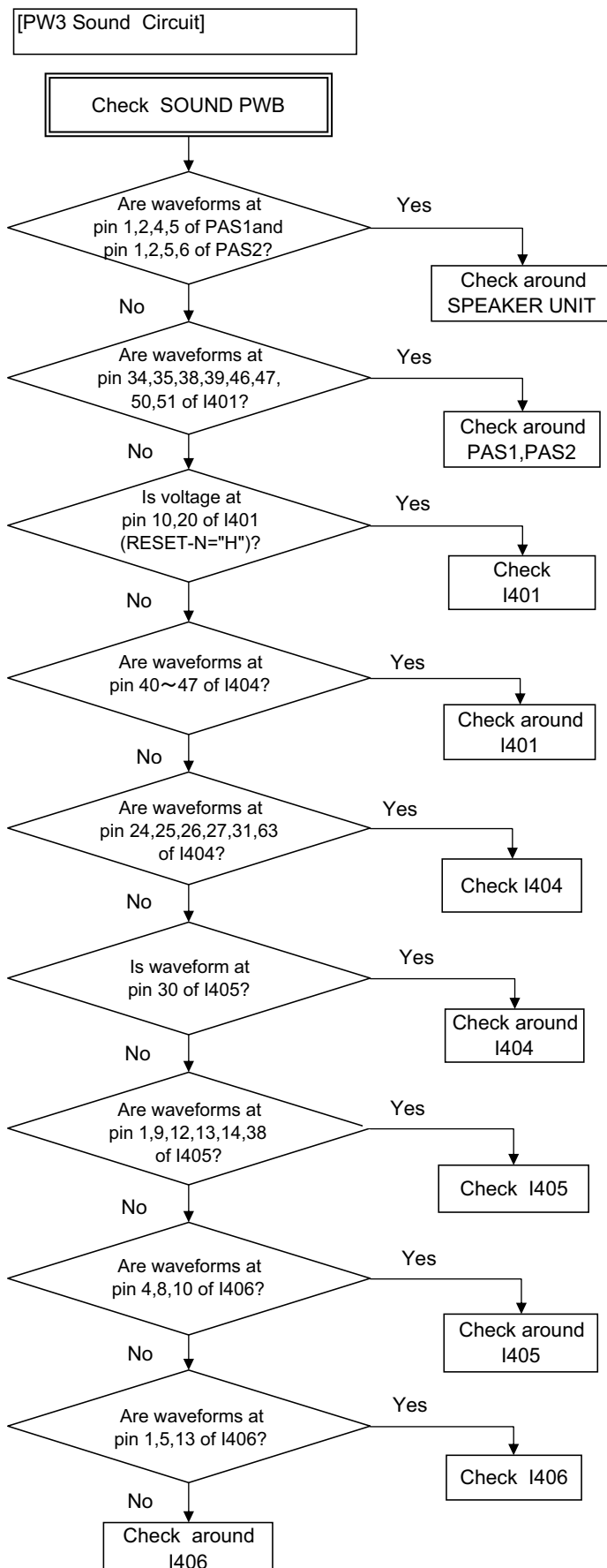
42PD8800/32LD8800



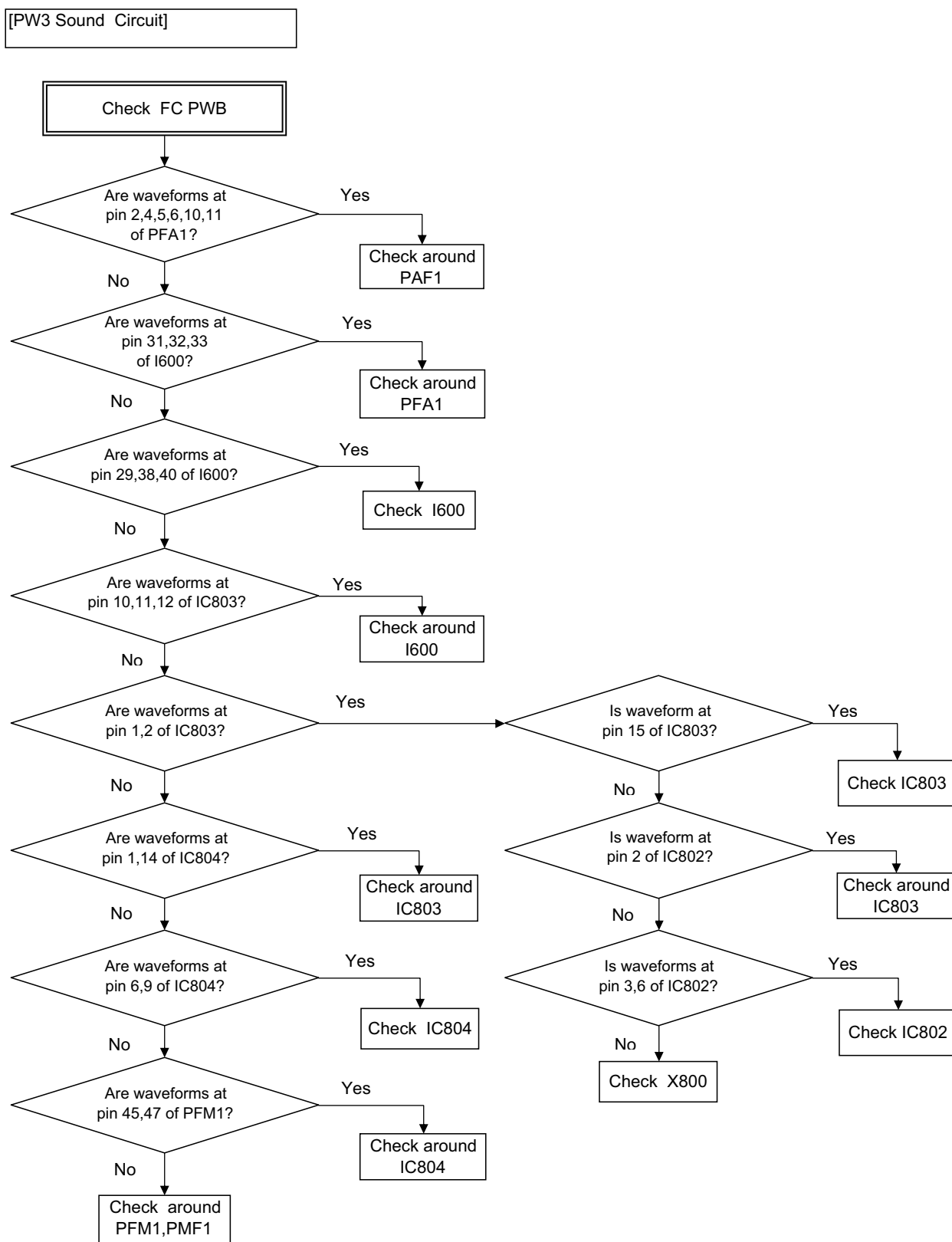
42PD8800/32LD8800

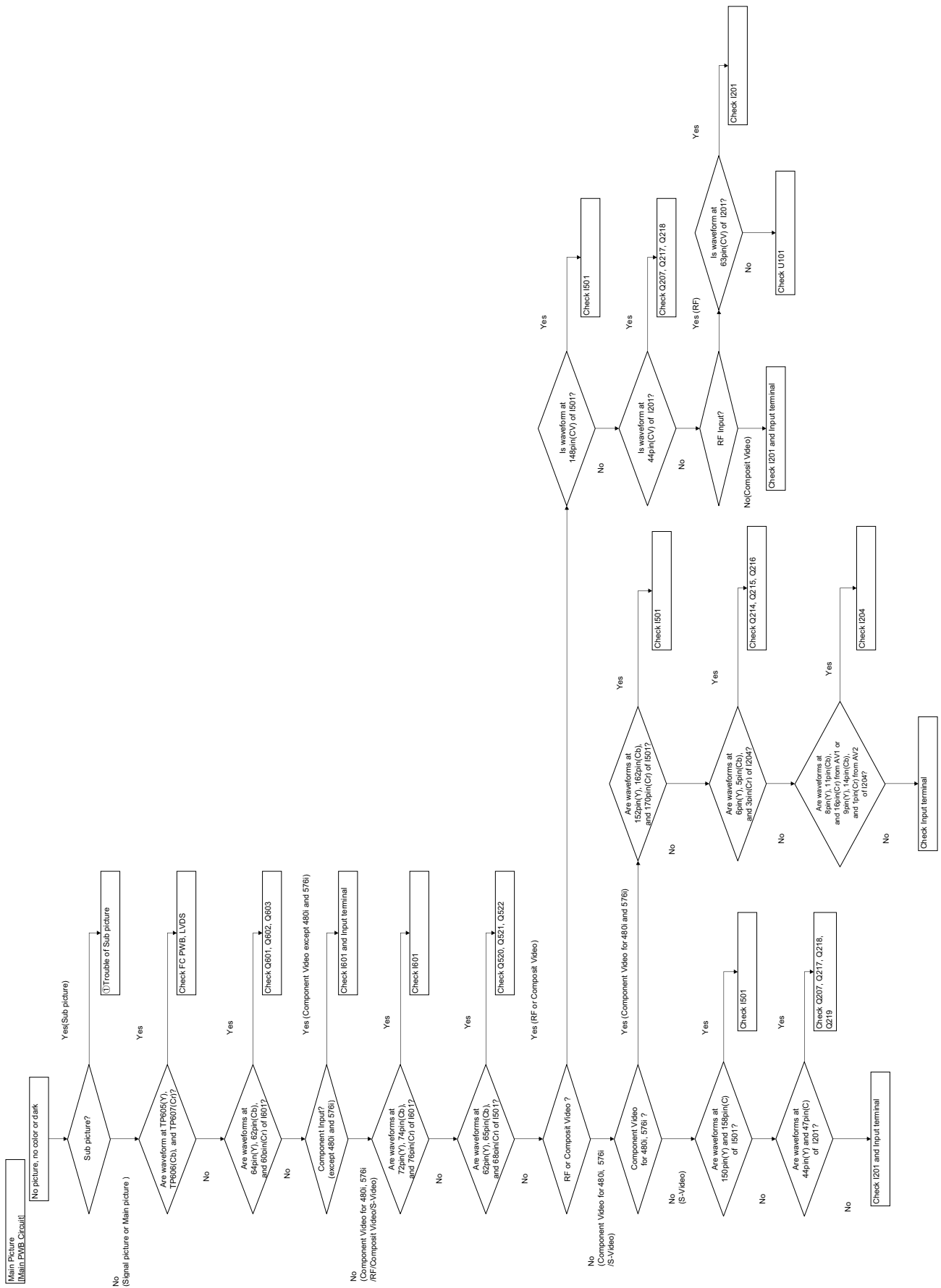


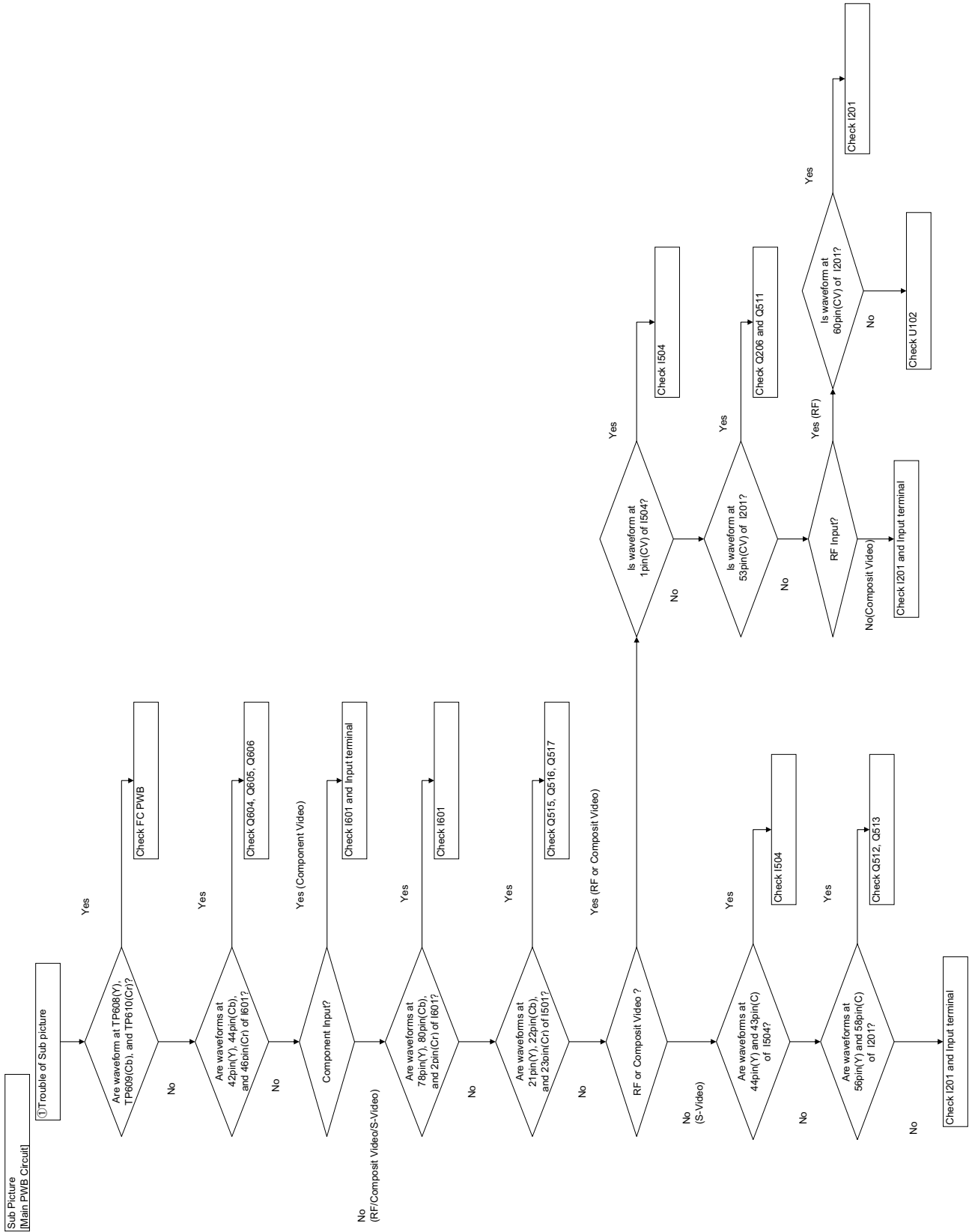


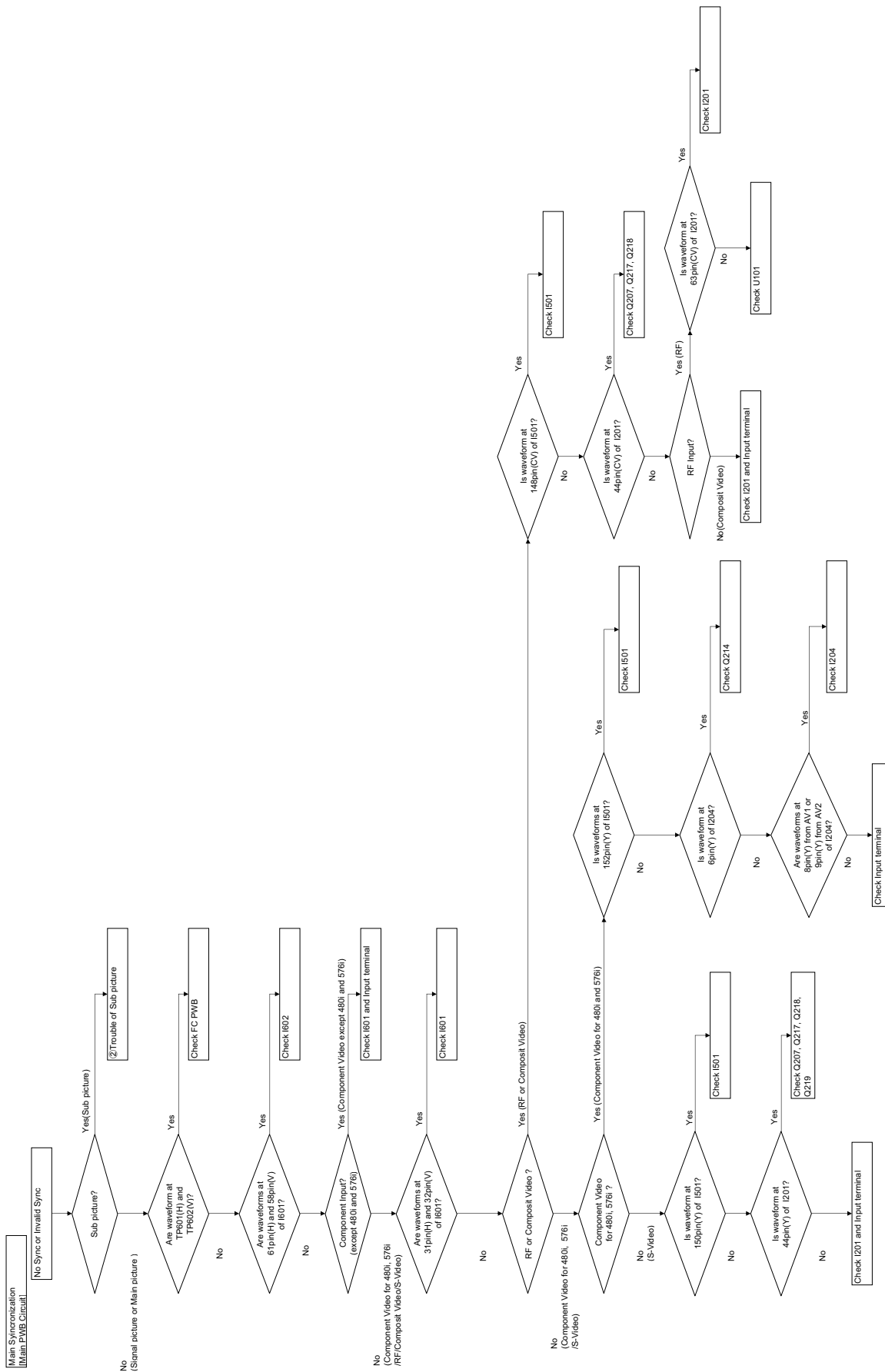


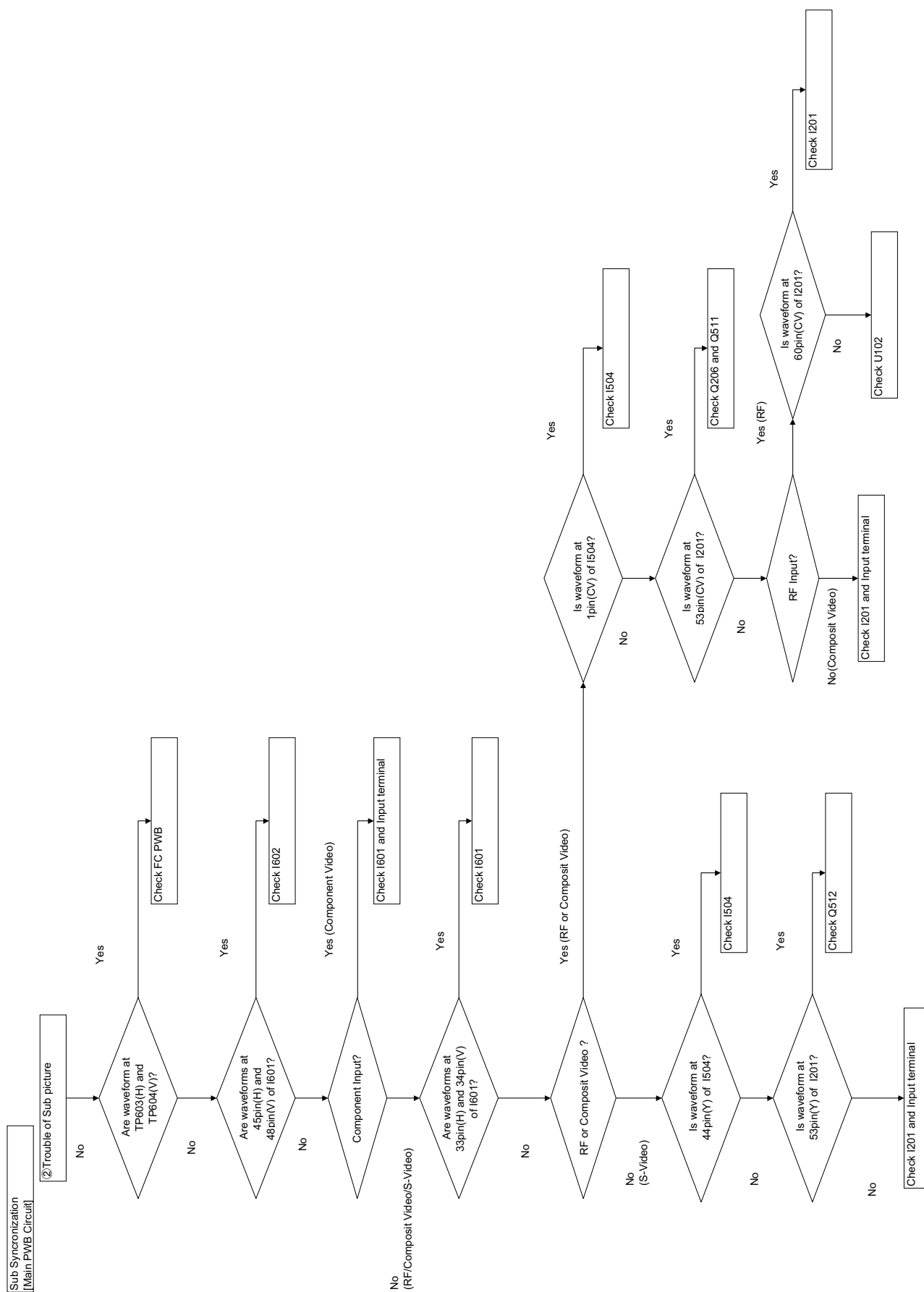
42PD8800/32LD8800



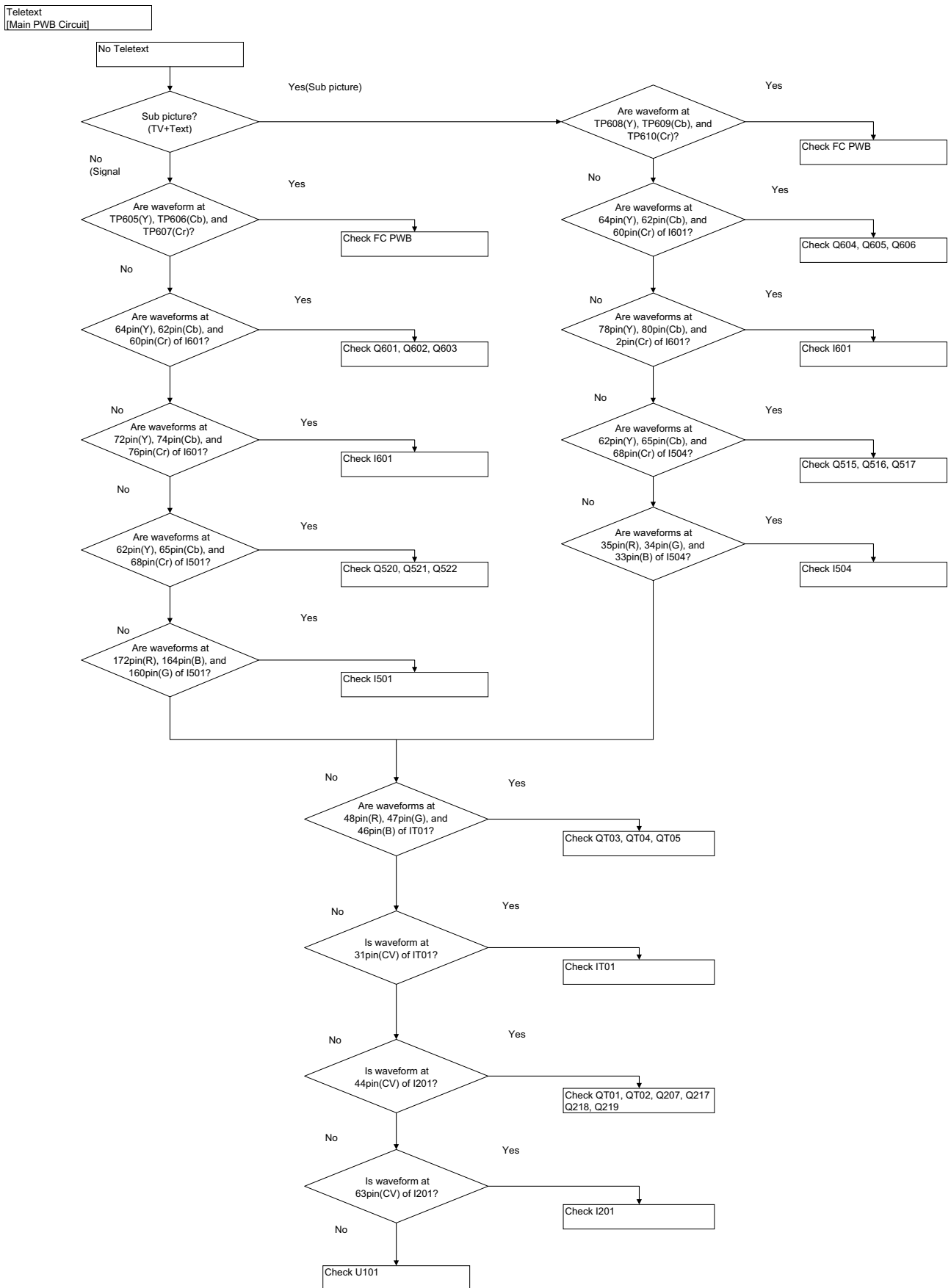




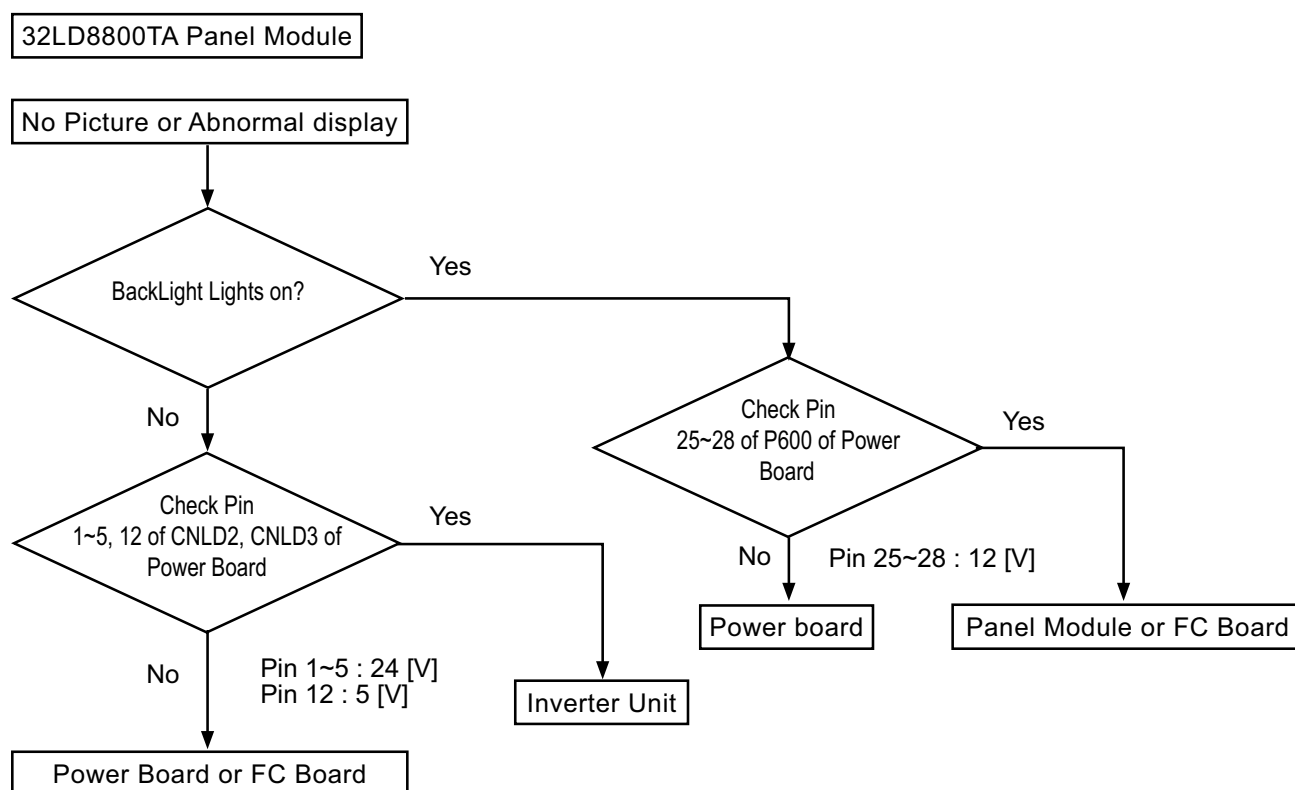




42PD8800/32LD8800



42PD8800/32LD8800



8. Self-Diagnosis Function (42PD8800 ONLY)

This chassis has 2 modes of self-diagnosis function.

- (1) PDP panel check mode: It indicates the one latest record of the PDP panel failure with blinking of the power indication light (LED).
- (2) Signal circuit check mode: It indicates the check result on some points of the signal circuit and the history of them with On-Screen Display (OSD).

● PDP panel self-diagnosis function

This function is for a PDP panel failure with no picture.

To enter to this Self-Diagnosis mode, follow the next steps:

Preparation:

- 1) The Power Cord should be connected to AC line and the Main Power switch should be turned on.
- 2) Turn the power off by the SUB-POWER(⏻) button of the monitor or the remote control.

Procedure:

- 1) Press the SUB-POWER(⏻) button and ▼ button on the bottom of the monitor at the same time, and keep it for more than 5 seconds after the power turned on.
- 2) It generates red blinking series of the power indicator light.
- 3) Any operation would cancel the Self -Diagnosis mode.
- 4) The next table shows the PDP PWB in which failure most probably would be allocated according to the number of blinks.

Number of red blinks of power indication light	Presumed failing PWB of PDP panel
1	Logic
2	X-SUS
3	Y-SUS, SDM
4	X-SUS, Y-SUS, SDM, PSU
5	ABUS, ADM, PSU
6	ADM temperature
7	ADM temperature
8	All of above-mentioned PWB's

SDM: Scan Driver Module

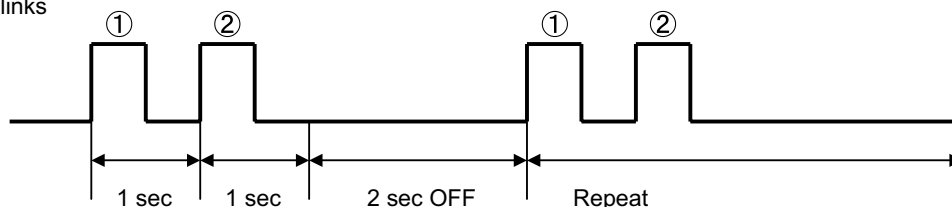
PSU: Power Supply Unit

ADM: Address Driver Module

Note) SDM is permanently contacted to glass part

[Blinking condition of power indication light]

Ex. 2 blinks



● Signal circuit self-diagnosis function

This function is for the failure of the signal circuit, for example the phenomenon as below:

"Sometimes power turns off abnormally." "Sometimes picture disappears abnormally."

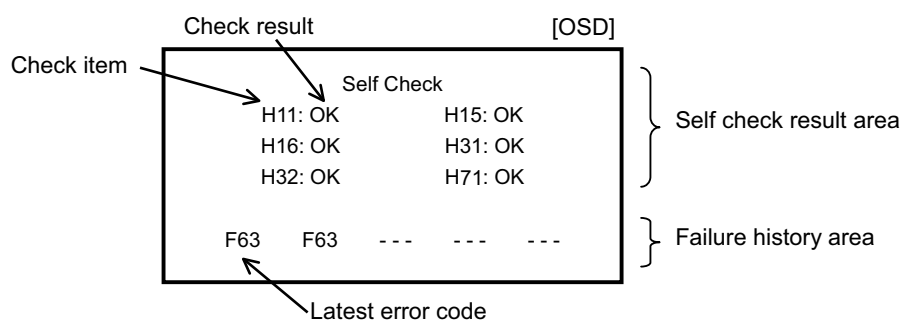
To enter to this Self-Diagnosis mode, follow the next steps:

Preparation:

- 1) The Power Cord should be connected to AC line and the Main Power switch should be turned on.
- 2) Turn the power off by the SUB-POWER(⏻) button of the monitor or the remote control.

Procedure:

- 1) Press the SUB-POWER(⏻) button and ▲ button on the bottom of the monitor at the same time, and keep it for more than 5 seconds after the power turned on.
- 2) The monitor will be turned on, and it will display On-Screen Display of the Self-check result and the failure history as below.
- 3) Any operation would cancel the Self -Diagnosis mode.
- 4) The following table shows the OSD symbols and contents of failure PWB in which failure most probably would be allocated according to the number of blinks.



Code	stored up in failure history	Self checking item	Problem	Phenomenon	Cause
C10	—	—	No sync. (Snow noise)	OSD of " ! Check Antenna " appears.	No connection of ANT cable Preset tuning is not yet
H11	—	○	Tuner problem	Cannot receive the main signal from antenna	Communication error of U101
H15	—	○	Composite video SW IC problem	Cannot receive picture and audio Cannot change input mode	Communication error of I201
H16	—	○	Component video SW IC problem	No component picture Cannot change input mode	Communication error of I601
H31	—	○	Color demodulator IC problem (sub)	Abnormal color Dark picture	Communication error of I504
H32	—	○	3D separator ZC problem	Abnormal color Dark picture / No picture	Communication error of I501
H71	—	○	HDMI IC problem	No picture	Communication error of I400
F63	○	—	I ² C-bus latch problem	Cannot store setting data (Ex. Channel, Volume etc.)	SCL3/SDA3 latched up

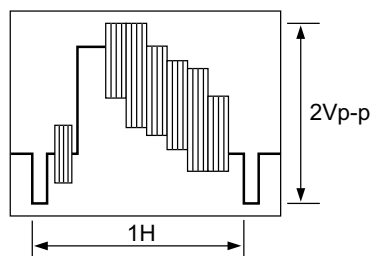
If you clear history of failure, make FACTORY RESET: enter the factory setting mode; press the SUB-POWER(⏻) button, INPUT SELECT(↺) button and ▲ button on the bottom of the monitor at the same time. And keep it for more than 5 seconds after the power turned on.

9. Basic circuit diagram

● Waveform

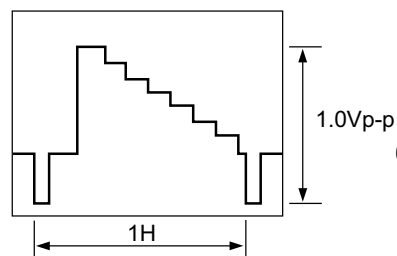
① I201(MAIN.V)(44) PIN

② I201(SUB.V)(53) PIN

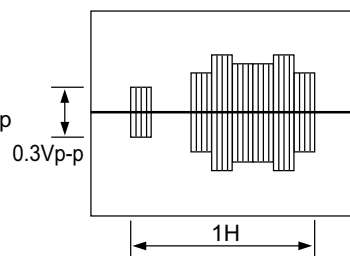


③ I501 YIN(S-VIDEO)(44) PIN

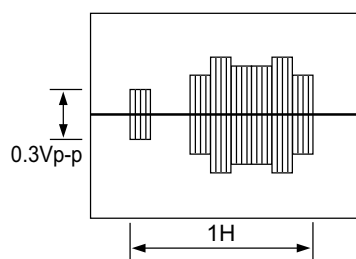
④ I501 YIN(3D)(5) PIN



⑤ I501 CIN(S-VIDEO)(43) PIN

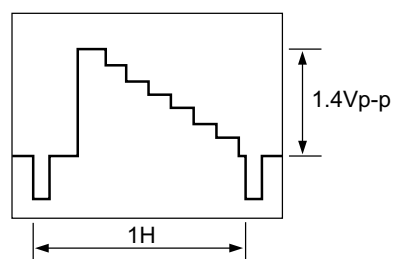


⑥ I501 CIN(3D)(7) PIN



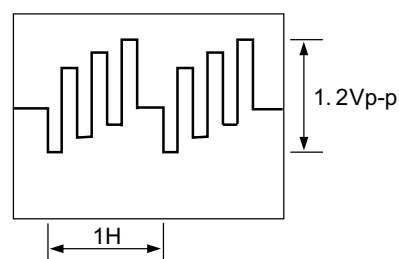
⑦ TP65(MY)

⑧ TP68(SY)



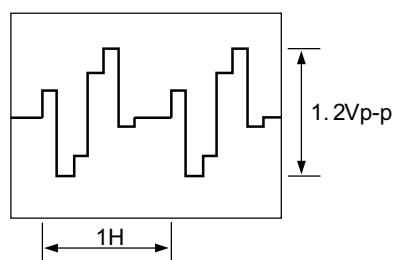
⑨ TP66(MPB)

⑩ TP69(SPB)



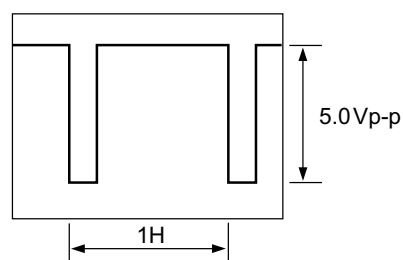
⑪ TP67(MPR)

⑫ TP6A(SPR)



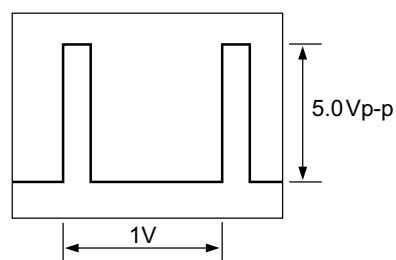
⑬ TP61(MH)

⑭ TP63(SH)



⑮ TP62(MV)

⑯ TP64(SV)



Basic circuit diagram list

PWB assembly MAIN 1	57
PWB assembly MAIN 2	58
PWB assembly MAIN 3	59
PWB assembly MAIN 4	60
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PWB assembly SWIEVEL	64
PWB assembly FILTER	65
PWB assembly Sub POWER	66
PWB assembly TERM	67
PWB assembly CONTROL	68
PWB assembly SENSOR	69
PWB assembly SOUND	70
PWB assembly SW	71
PWB assembly FC 1	72
PWB assembly FC 2	73
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PWB assembly FC 4	75
PWB assembly FC 5	76
PWB assembly FC 6	77
PWB assembly FC 7	78
PWB assembly FC 8	79
PWB assembly FC 9	80
PWB assembly FC 10	81



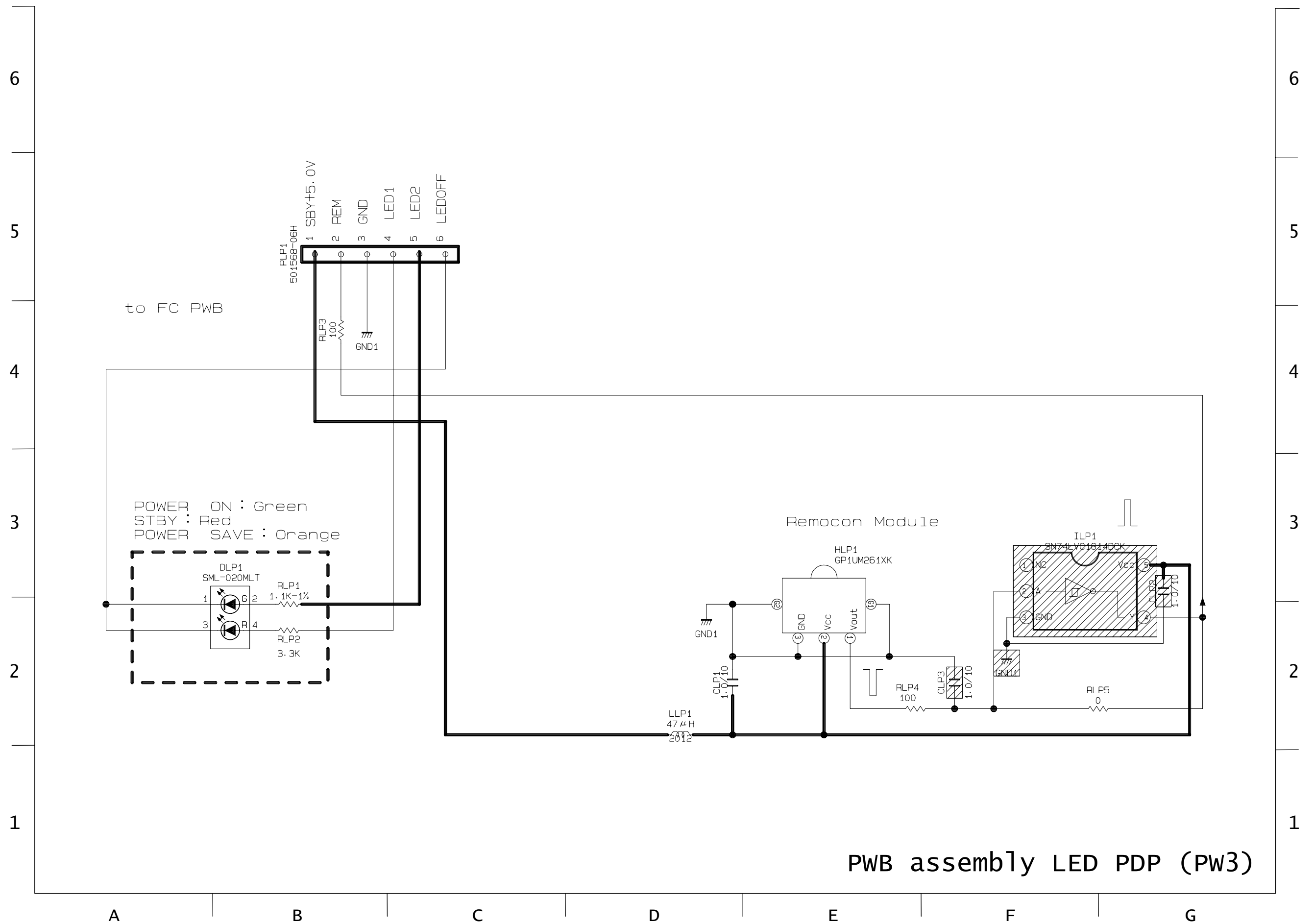
57

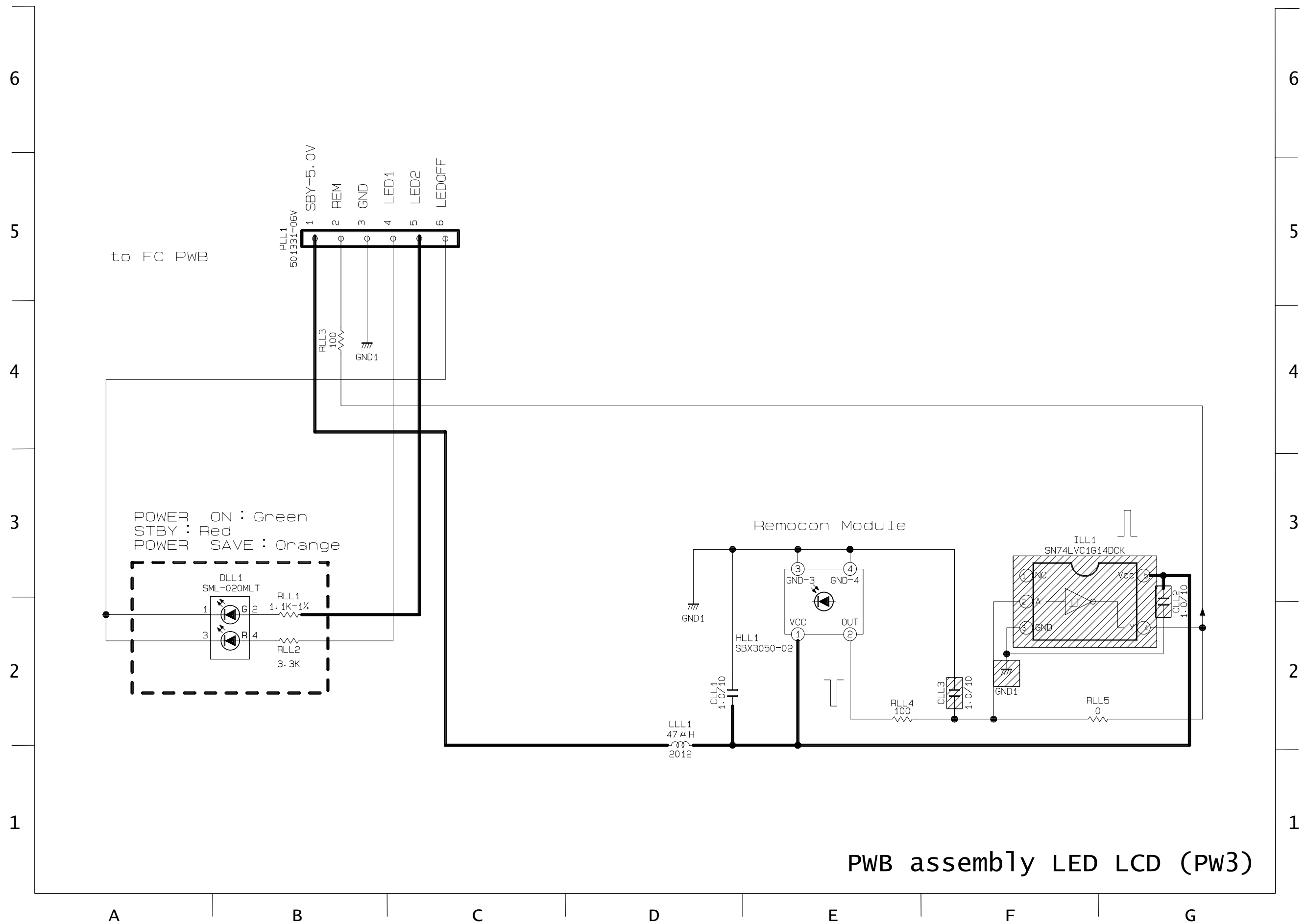


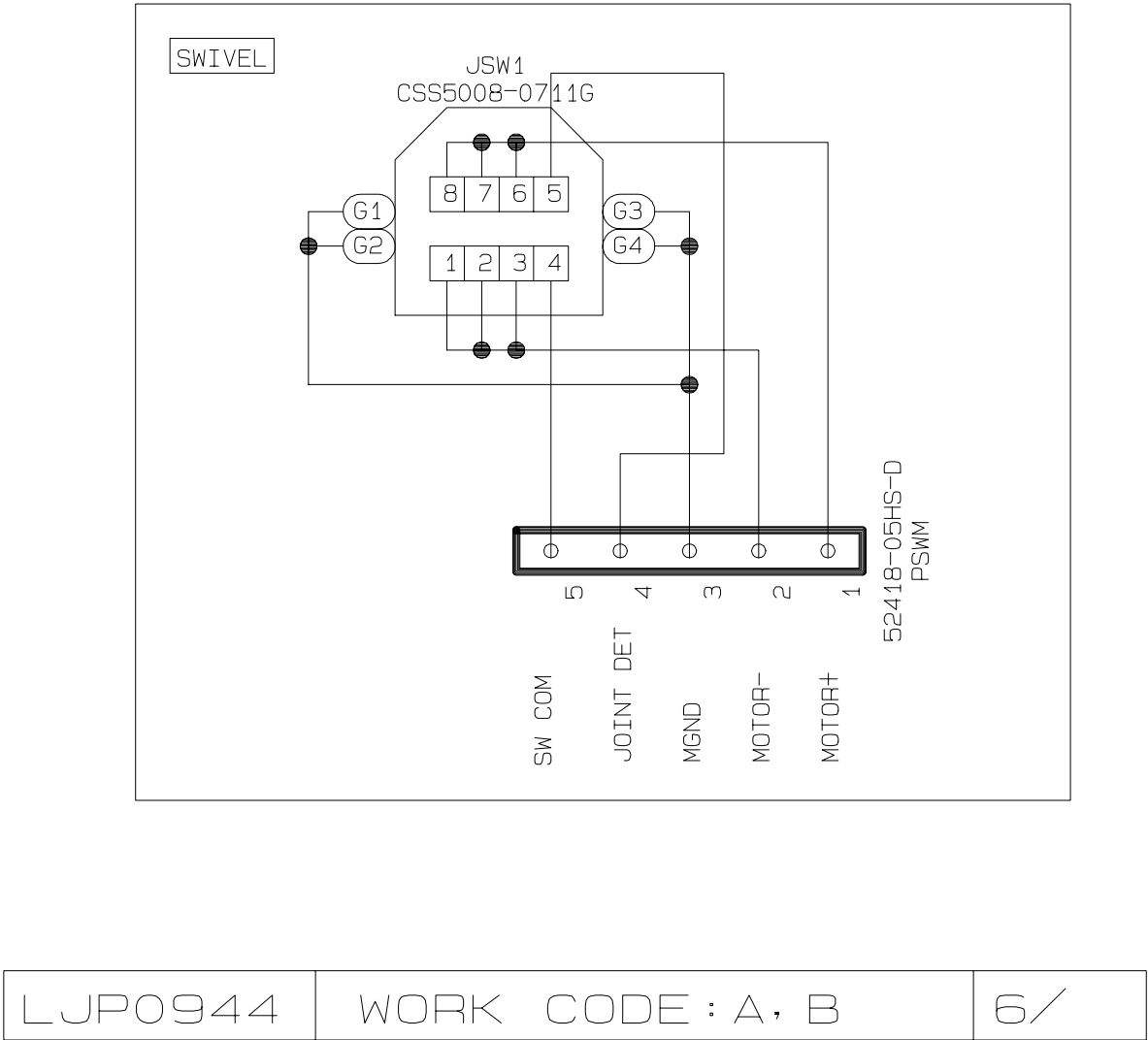




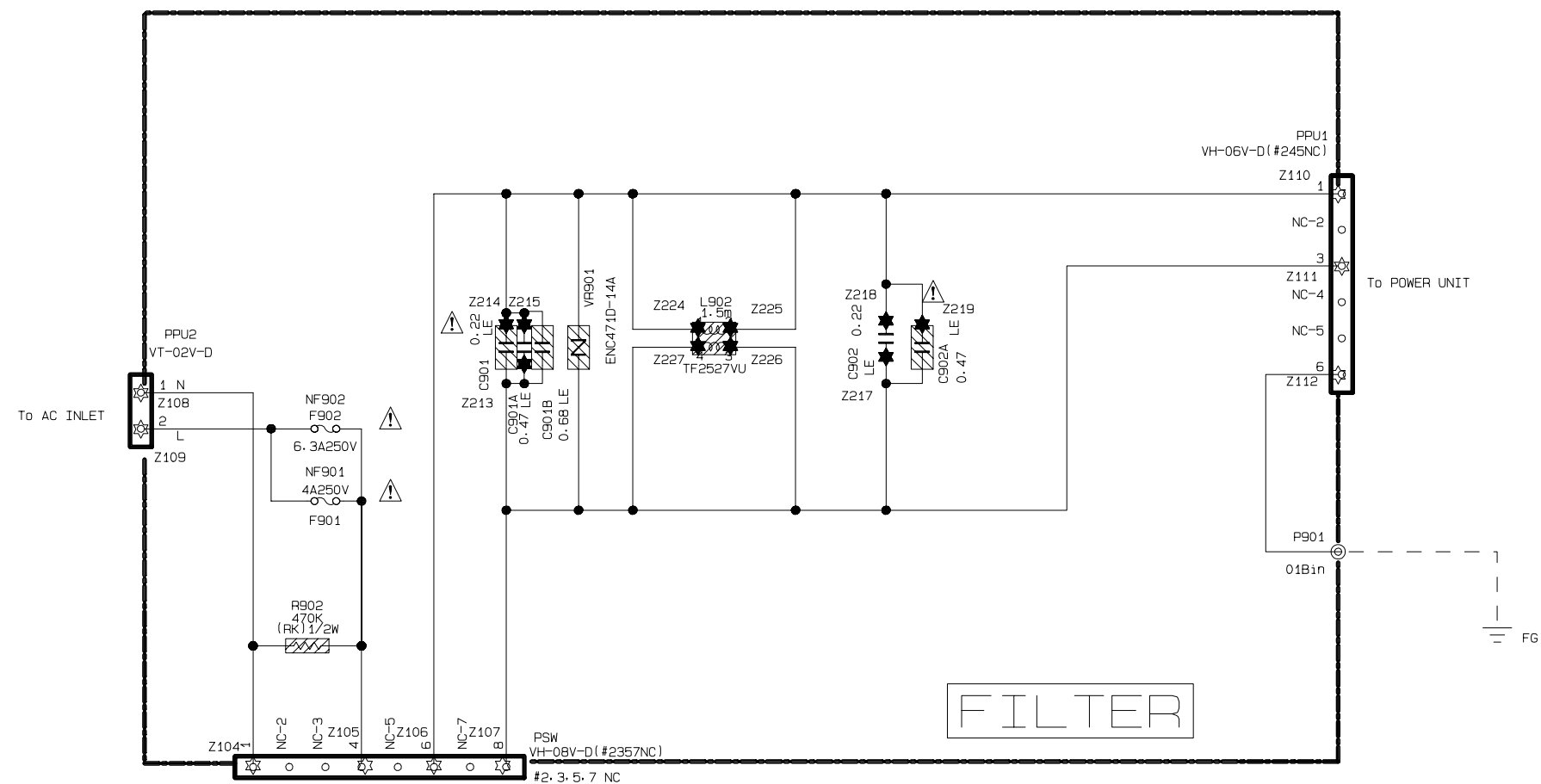








PWB assembly SWIEVEL (PW3)



Note1) SERVICE WARNING :
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE WITH SAME TYPE AND RATING FUSE.

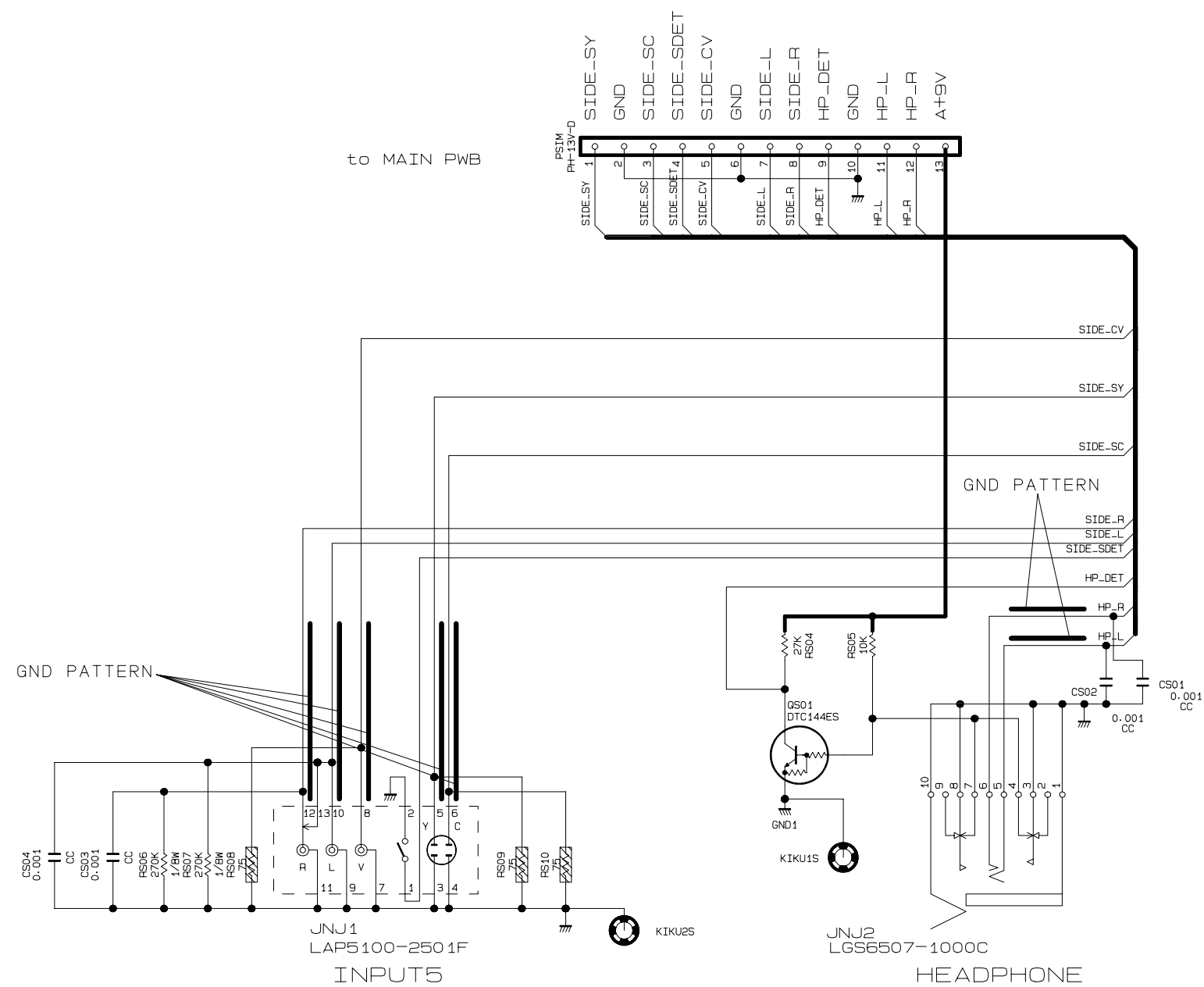
Note2)  :NOT MOUNT

Note3) COMPARISON OF MODELS

Item No.	PDP	LCD
	42PD8800TA	32LD8800TA
F901	No Ass'y	4.0A/250V
F902	6.3A/250V	No Ass'y
C901	0.47 μ F	0.22 μ F
C902	0.22 μ F	No Ass'y
P901	Ass'y(WIRE)	No Ass'y

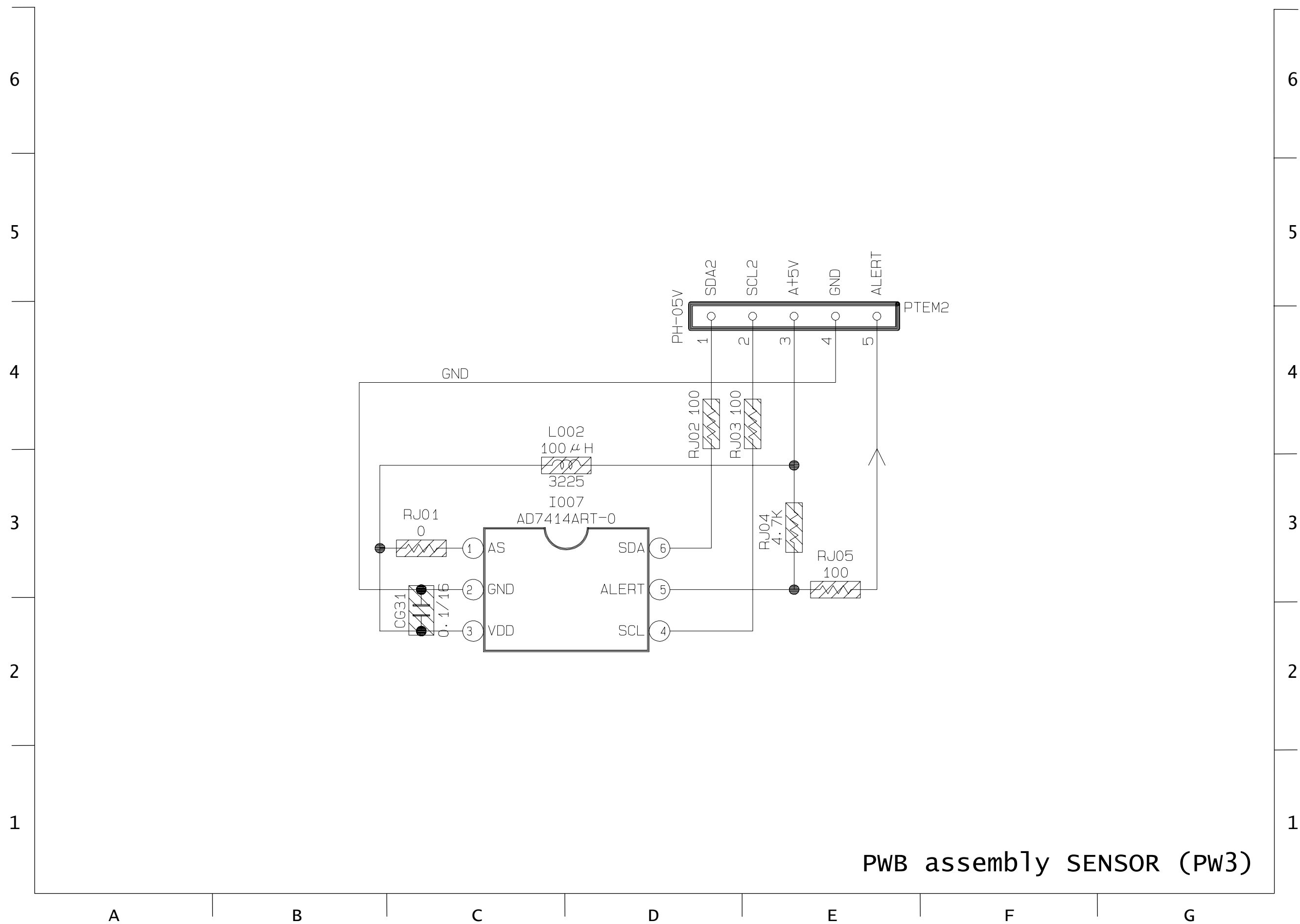
PWB assembly FILTER (PW3)

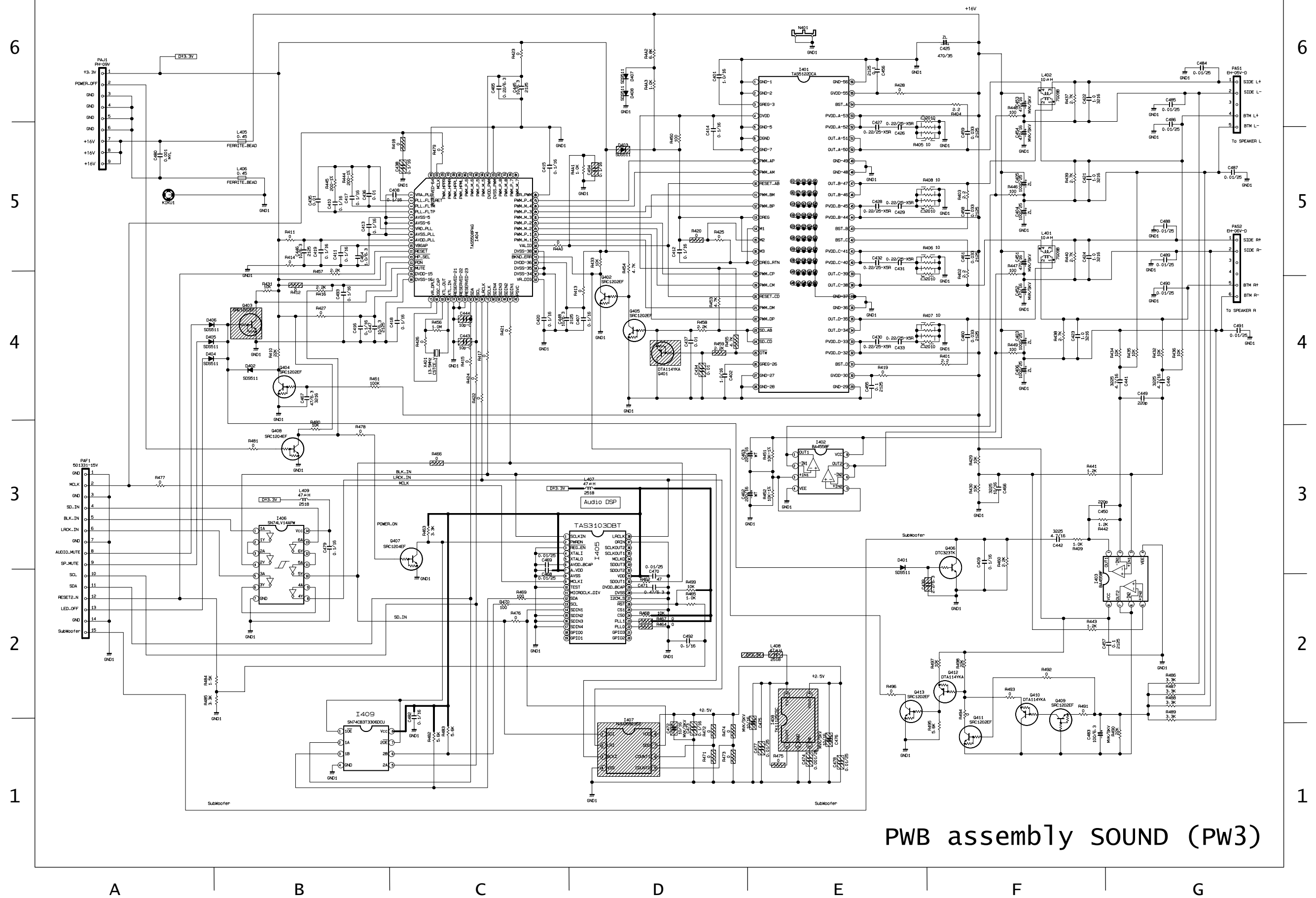




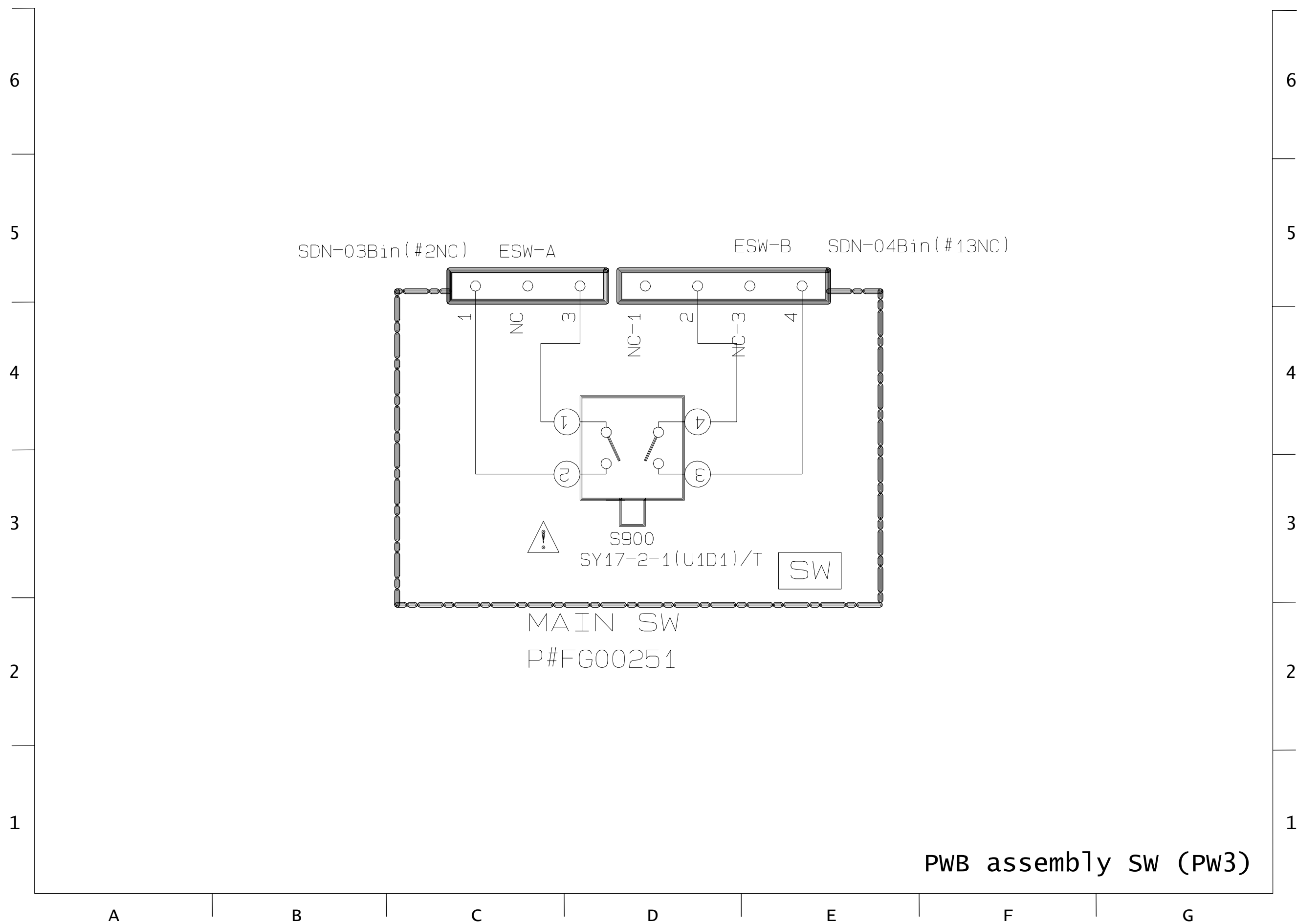
PWB assembly TERM (PW3)



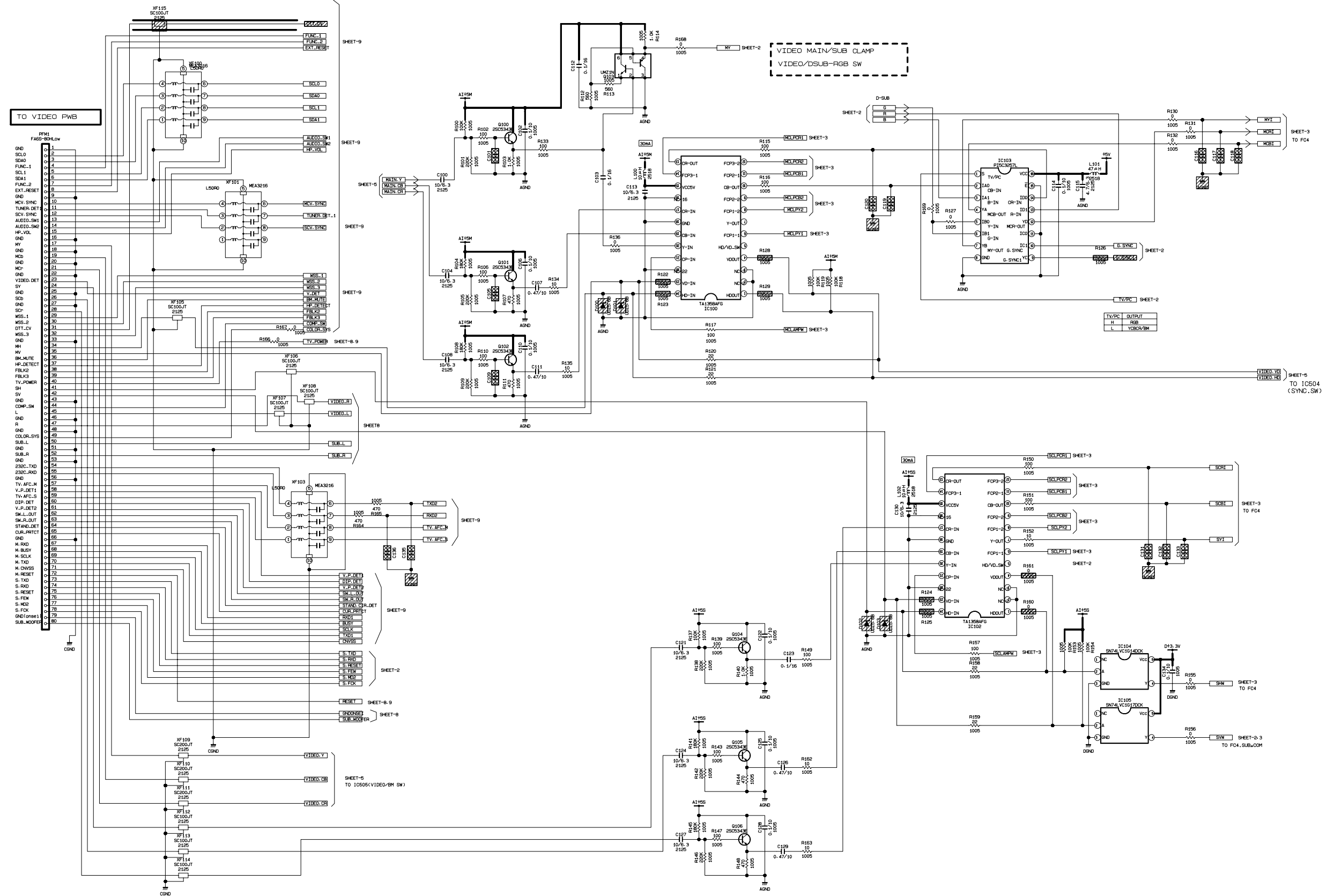




PWB assembly SOUND (PW3)



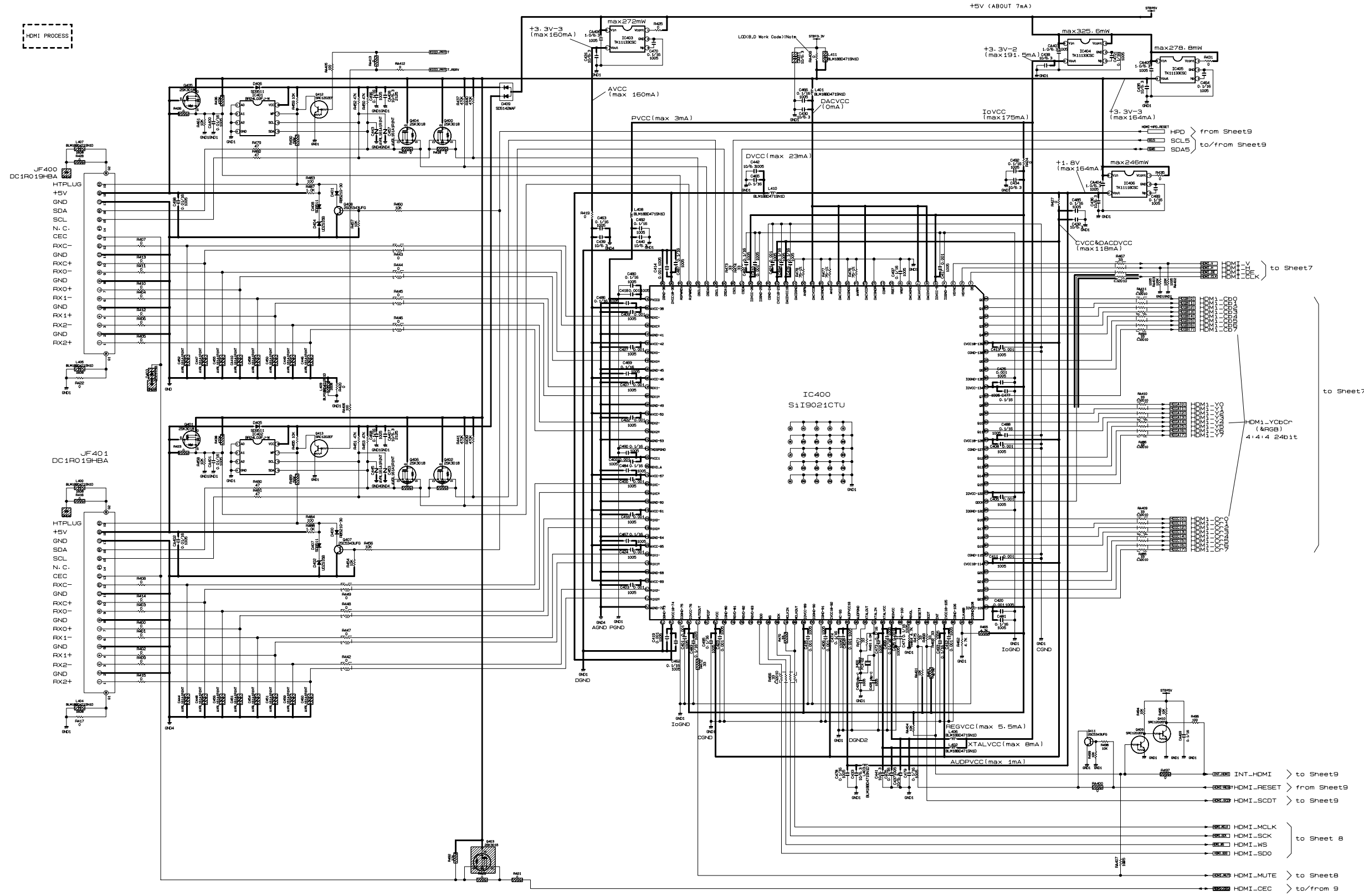
PWB assembly SW (PW3)





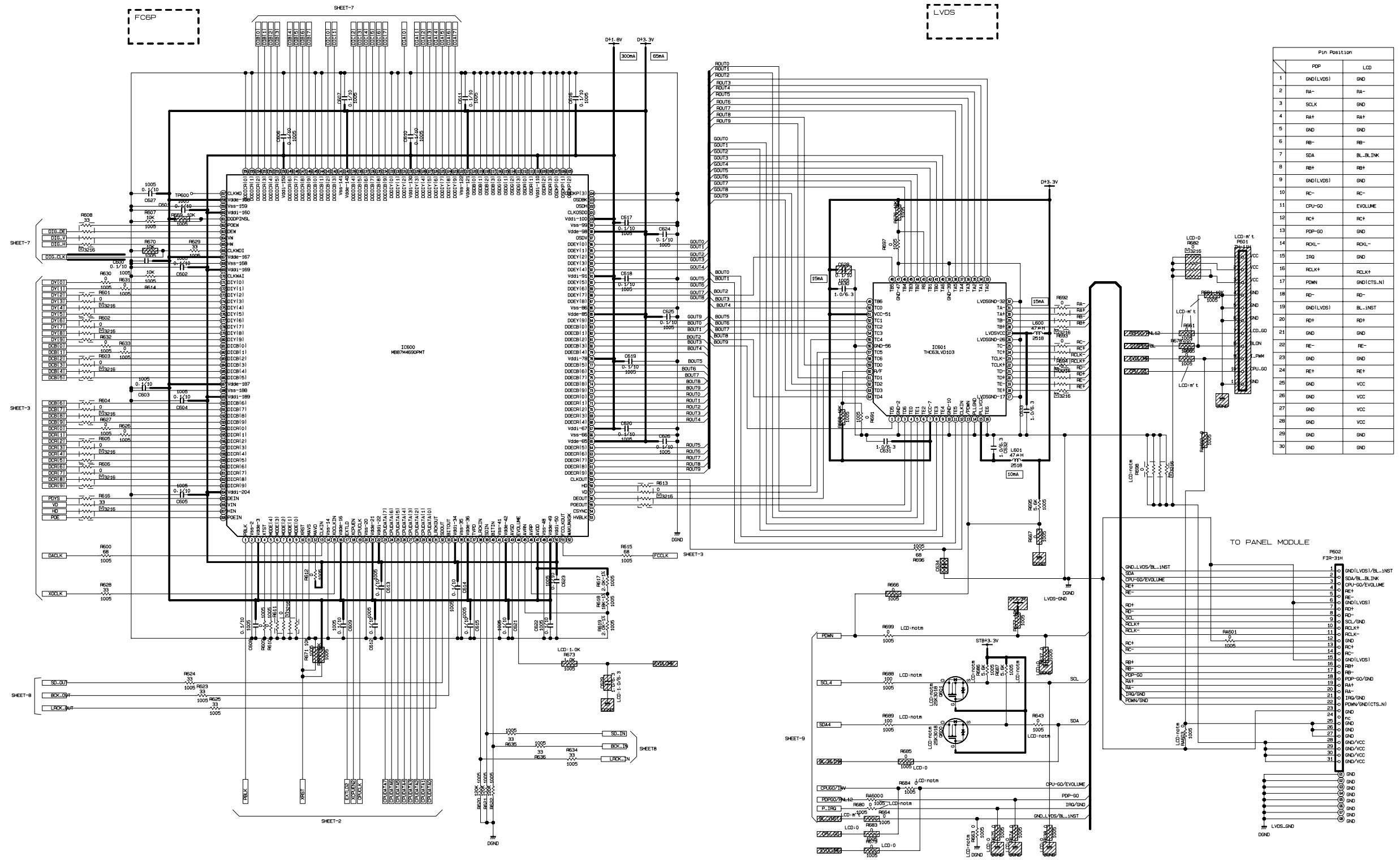


HDMI PROCESS

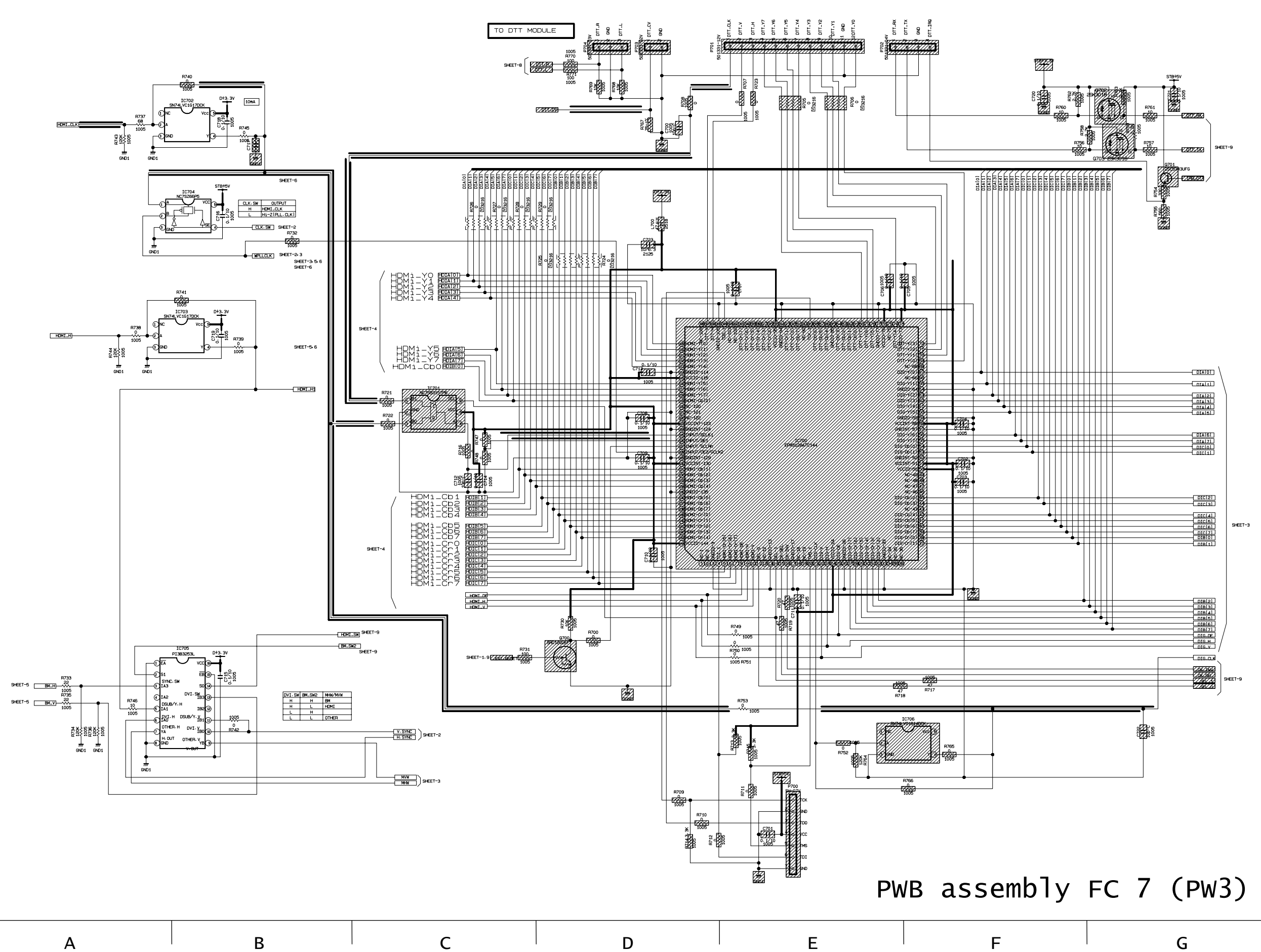


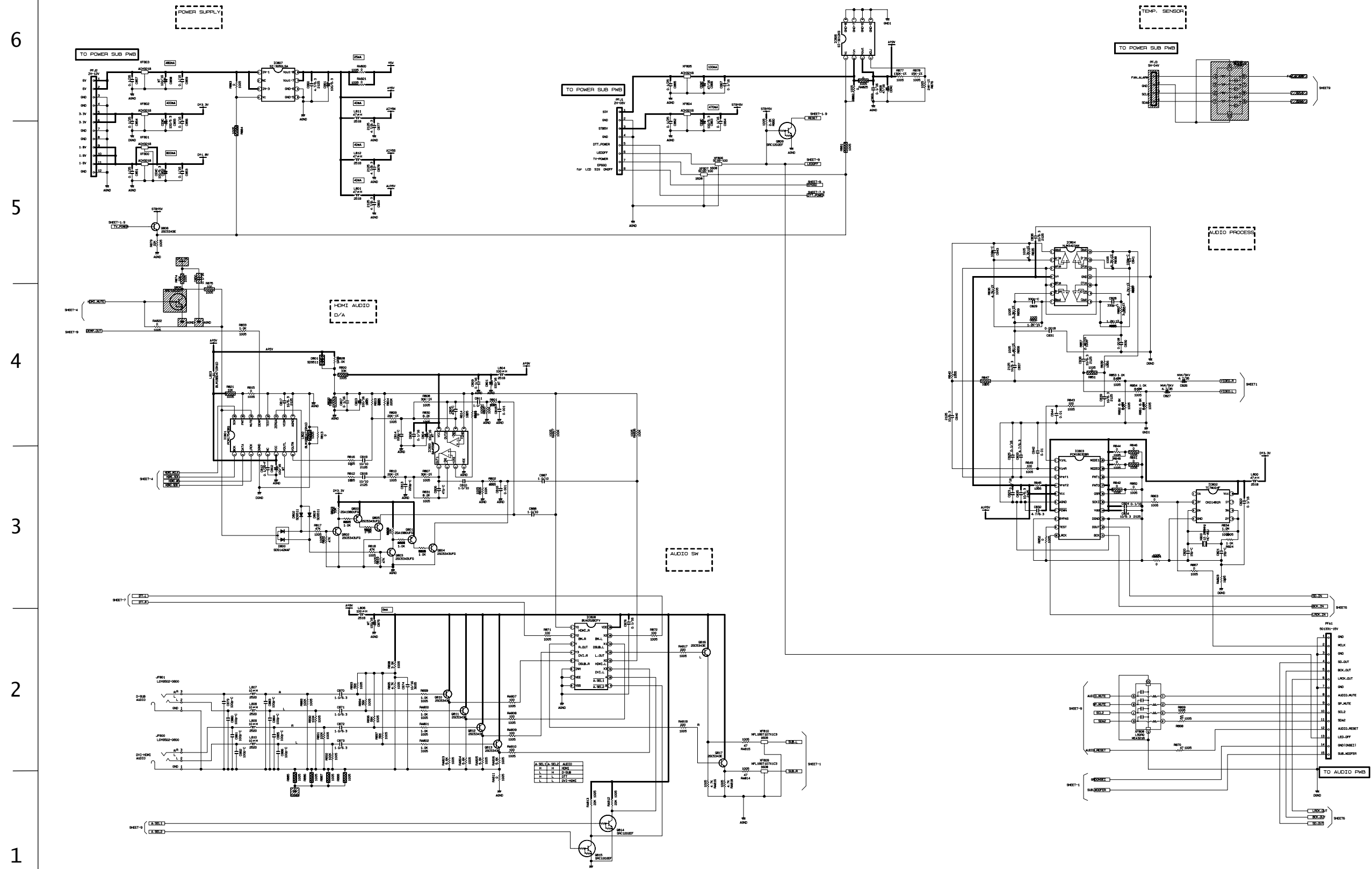
PWB assembly FC 4 (PW3)





PWB assembly FC 6 (PW3)





PWB assembly FC 8 (PW3)



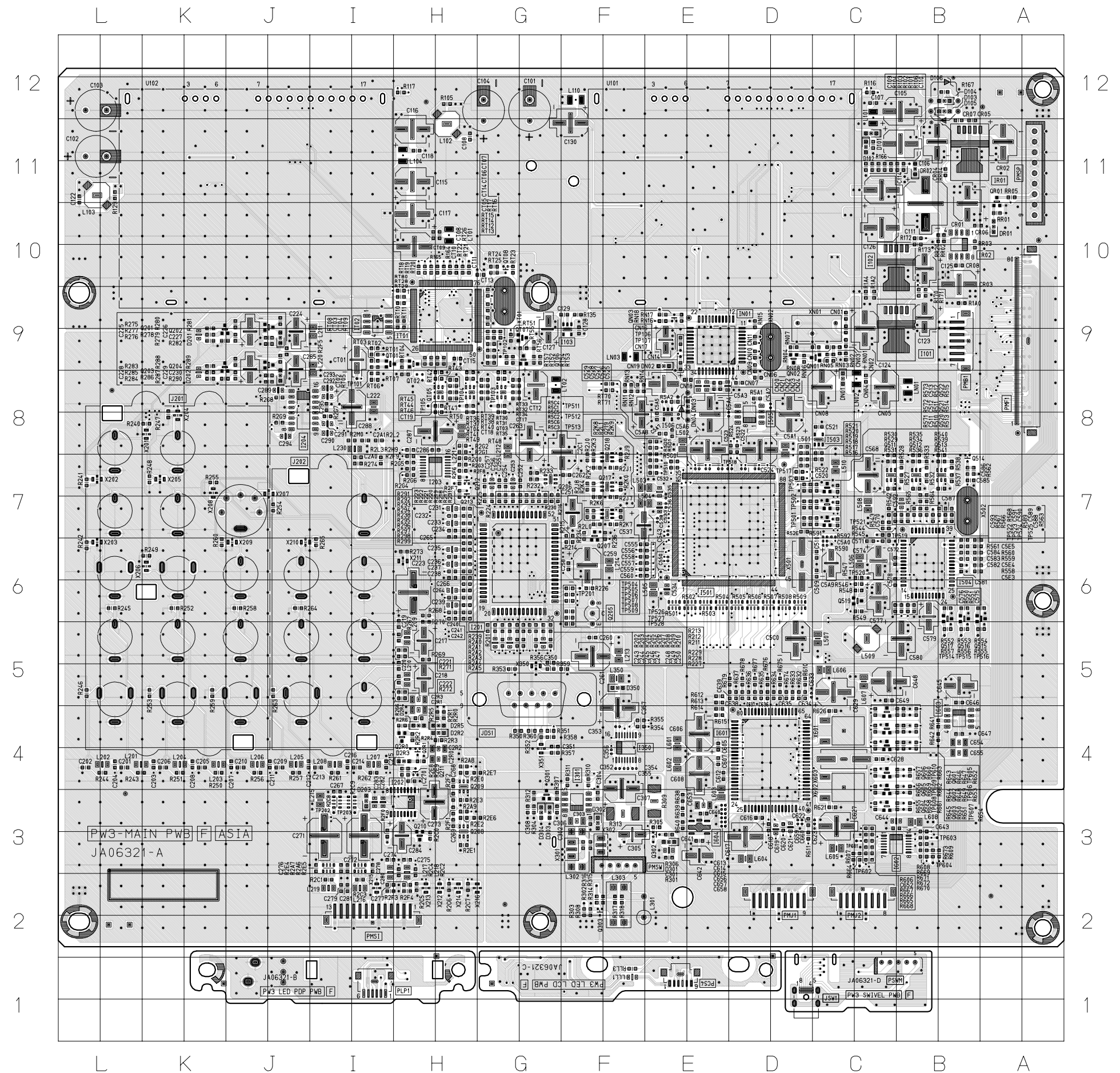
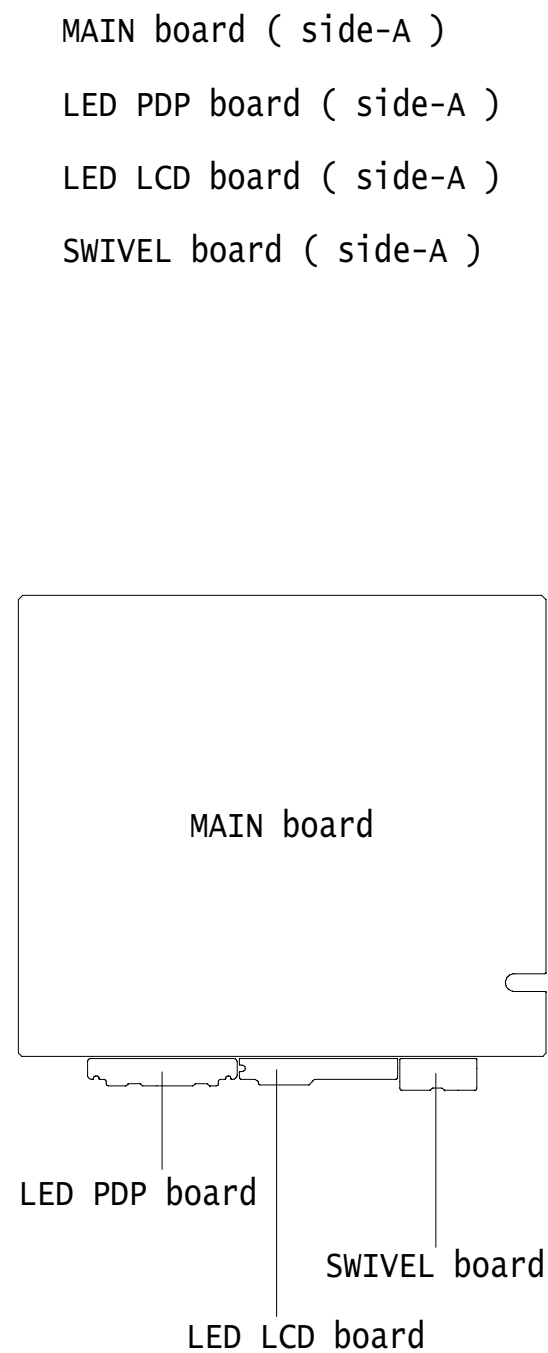
[DIFFERENT PARTS TABLE OF WORK CODE]

This figure is applied to Parts Number
JA09451(A Work), JA09452(B Work), and JA09454(D Work).
Parts that have adhered "  " are not mounted.

CIRCUIT No.	SHEET	JP09451 Work Code:A	JP09452 Work Code:B	JP09454 Work Code:D
C629	6	notm	1.0 μ F/6.3V	1.0 μ F/6.3V
P601	6	notm	ZH-11H	ZH-11H
Q600	6	2SK3018	notm	notm
Q601	6	2SK3018	notm	notm
R637	6	notm	0 Ω	0 Ω
R638	6	notm	0 Ω	0 Ω
R643	6	0 Ω	notm	notm
R661	6	notm	0 Ω	0 Ω
R663	6	0 Ω	notm	notm
R664	6	notm	0 Ω	0 Ω
R665	6	notm	0 Ω	0 Ω
R673	6	notm	1.0k Ω	1.0k Ω
R674	6	notm	0 Ω	0 Ω
R675	6	notm	0 Ω	0 Ω
R678	6	notm	100 Ω	100 Ω
R679	6	notm	0 Ω	0 Ω
R680	6	0 Ω	notm	notm
R681	6	notm	10k Ω	10k Ω
R682	6	notm	0 Ω 4REN_3216	0 Ω 4REN_3216
R683	6	notm	0 Ω	0 Ω
R684	6	0 Ω	notm	notm
R685	6	notm	0 Ω	0 Ω
R686	6	5.6k Ω	notm	notm
R687	6	5.6k Ω	notm	notm
R688	6	100 Ω	notm	notm
R689	6	100 Ω	notm	notm
R698	6	0 Ω 4REN_3216	notm	notm
R699	6	0 Ω	notm	notm
R914	9	notm	notm	1.0k Ω
R915	9	1.0k Ω	1.0k Ω	notm
RA408	4	0 Ω	notm	notm
RA600	6	0 Ω	notm	notm
RA603	6	0 Ω	notm	notm
RA965	9	notm	1.0k Ω	1.0k Ω
RB906	9	1.0k Ω	notm	notm

PWB assembly FC 10 (PW3)

10. Printed wiring board diagram



SWIVEL board (side-B)



MAIN / LED PDP / LED LCD / SWIVEL board Mainly chip parts reference table
(side-A)

CIR.No.	Position
D101	C11
D102	C11
D103	B12
D104	B12
D201	J9
D202	J8
D203	I3
D301	E3
D302	F3
D303	G3
D304	G3
D350	F5
D2R2	H4
D2R3	H4
D2R4	H4
D2R5	H4
DN01	C8
DN02	E9
DN03	E8
DR01	A10
DR02	B11
I101	C9
I102	C10
I103	F9
I201	G6
I202	H3
I203	H7
I204	J8
I301	F3
I350	F4
I501	E7
I503	C8
I504	B6
I505	D8
I506	E8
I601	D4
I602	C3
I603	B4
I604	E3
IN01	E9
IR01	B11
IR02	B10
IT01	H9
IT02	I9
JSW1	D1
KIKU1C	A2
KIKU1C	H1
KIKU2C	G2
KIKU2C	K1
KIKU3C	L2
KIKU4C	A6
KIKU5C	G9
KIKU6C	L9
KIKU7C	A12
L101	C12

CIR.No.	Position
L102	H11
L103	L11
L104	H11
L110	F12
L201	L4
L202	L4
L203	K4
L204	K4
L205	J4
L206	J4
L207	I4
L208	I4
L209	H5
L210	H5
L211	I9
L212	G8
L213	F5
L214	F6
L215	I3
L216	I2
L217	I3
L218	H3
L219	I2
L220	I9
L221	H8
L222	I8
L230	I8
L302	F3
L303	F2
L350	F5
L501	D8
L502	E8
L503	F7
L504	F7
L505	E6
L506	C6
L507	C5
L508	C7
L509	C5
L510	C7
L601	E4
L602	E4
L603	E3
L604	D3
L605	C3
L606	C5
L607	C5
L608	B3
LLL1	F1
LN01	B8
LN02	C8
LN03	F9
LT01	H10
LT02	G8
PLL1	E1

CIR.No.	Position
PLP1	I1
PMB1	B9
PMF1	A9
PMJ1	D2
PMJ2	C2
PMSI	I2
Q201	K9
Q202	J9
Q203	K9
Q204	J9
Q206	G7
Q207	F7
Q208	H3
Q209	H4
Q210	H3
Q211	H4
Q212	H7
Q213	H7
Q217	F7
Q218	F7
Q219	F7
Q301	G3
Q302	E3
Q303	F2
Q511	C7
Q512	B7
Q513	B7
Q514	B7
Q515	A6
Q516	B6
Q517	B6
Q519	C6
Q520	C7
Q521	C7
Q522	C7
Q601	C4
Q602	C4
Q603	C4
Q604	C3
Q605	C4
Q606	C4
Q2R0	H4
Q2R1	H4
QN01	C9
QN02	D9
QN03	E9
QR01	A11
QT01	I9
QT02	H9
QT03	G8
QT04	H8
QT05	H8
QT06	G9
QT07	G9
QT08	G10

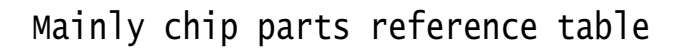
CIR.No.	Position
TP101	I8
TP102	G9
TP103	G8
TP104	H8
TP105	H8
TP106	E9
TP107	E9
TP201	F6
TP202	I3
TP203	I3
TP501	D7
TP502	D7
TP503	D7
TP504	E6
TP505	E6
TP506	E6
TP507	E6
TP508	E6
TP509	E6
TP510	E7
TP511	E8
TP512	E7
TP513	E7
TP514	B5
TP515	B5
TP516	B5
TP517	D7
TP518	D7
TP519	C6
TP520	C6
TP521	C7
TP522	B7
TP523	B7
TP524	B7
TP525	B7
TP526	E6
TP527	E6
TP528	E6
TP601	C3
TP602	C3
TP603	B3
TP604	B3
TP605	B4
TP606	B4
TP607	B4
TP608	B3
TP609	B3
TP610	B4
X201	K8
X202	L7
X203	L6
X204	K8
X205	K7
X206	K6
X207	J7

CIR.No.	Position
X208	K7
X209	J6
X210	J6
X211	H6
X212	H2
X213	H2
X214	H2
X215	I2
X216	H2
X301	F3
X302	F3
X350	G5
X351	G4
X501	D6
X601	C4
X602	C4
X603	C4

(side-B)

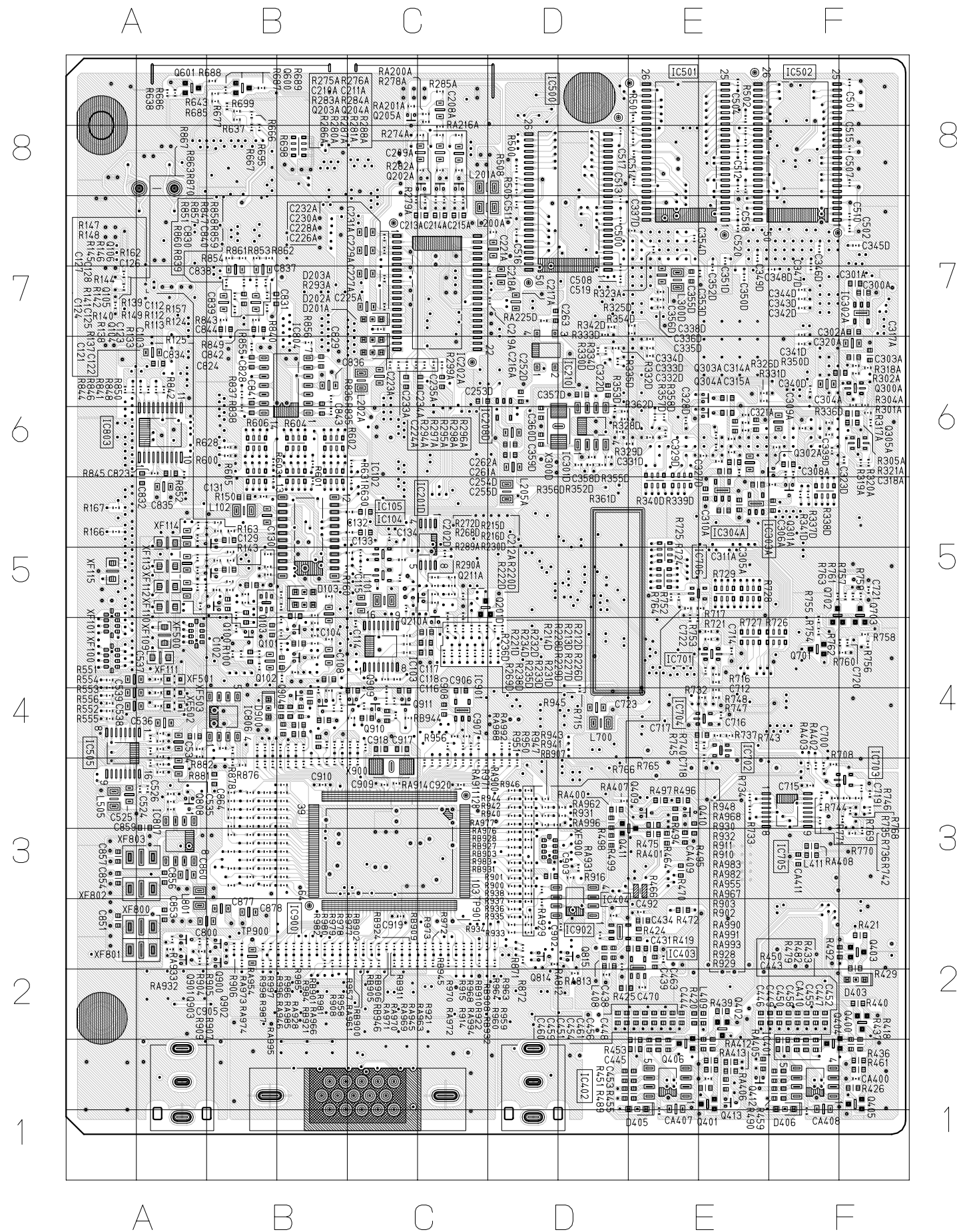
CIR.No.	Position
DLL1	F1
DLP1	H1
HLL1	G1
I110	E10
I502	D5
ILL1	G1
ILP1	I1
IT03	H9
IT04	H8
KIKU1S	A2
KIKU2S	G2
KIKU3S	L2
KIKU4S	A6
KIKU5S	G9
KIKU6S	L9
KIKU7S	A12
L111	D10
L112	F10
L240	G7
L520	D7
L521	D7
L522	D6
LLP1	I1
LT03	H8
Q101	E11
Q102	E11
Q103	K11
Q104	K11
Q110	D11
Q111	D10
Q112	D11
Q113	E10
Q114	E10
Q115	E10
Q214	I8
Q215	I8
Q216	I8
Q530	D7
Q531	D7
TP110	D11
TP111	E10
TP112	E11
TP113	D10
TP210	L7
TP211	L7
TP212	L6
TP213	L5
TP214	L4
TP215	K7
TP216	K7
TP217	K6
TP218	K5
TP219	K4
TP220	K7
TP221	J7

CIR.No.	Position
TP222	J6
TP223	J5
TP224	K4
TP225	J6
TP226	J5
TP227	J4



CIR.No.	Position	CIR.No.	Position
D100	B4	L404	D1
D101	B4	L405	E1
D200A	D7	L406	D3
D400	E2	L407	F1
D401	F2	L410	D2
D402	E2	L500	E8
D404	F2	L501	D8
D407	E2	L502	F8
D408	F2	L503	C2
D409	D2	L504	C2
D500	C2	L600	B7
D501	C2	L601	B7
D502	C2	L800	A7
D503	C2	L802	D4
D504	C2	L803	D3
D505	C2	L804	B3
D506	C2	L806	C2
D507	C2	L807	A2
D800	D2	L808	A2
D801	C3	L809	D2
D802	C2	L810	D2
D803	C2		
IC100	B4		
IC200D	C4		
IC203D	D5		
IC204A	D7		
IC205A	D7		
IC206A	D6		
IC207A	C6		
IC209D	D6		
IC300D	E6		
IC400	E3		
IC405	D2		
IC406	D2		
IC503	C2		
IC504	B2		
IC600	B6		
IC601	C7		
IC700	E5		
IC800	C3		
IC801	D3		
IC802	A7		
IC808	D2		
JF400	F1		
JF401	E1		
KIKU1C	A2		
KIKU2C	D8		
KIKU3C	A8		
L100	B4		
L203A	D7		
L204A	C7		
L400	E1		
L401	F3		
L402	D3		
L403	D3		

FC board (side-B)



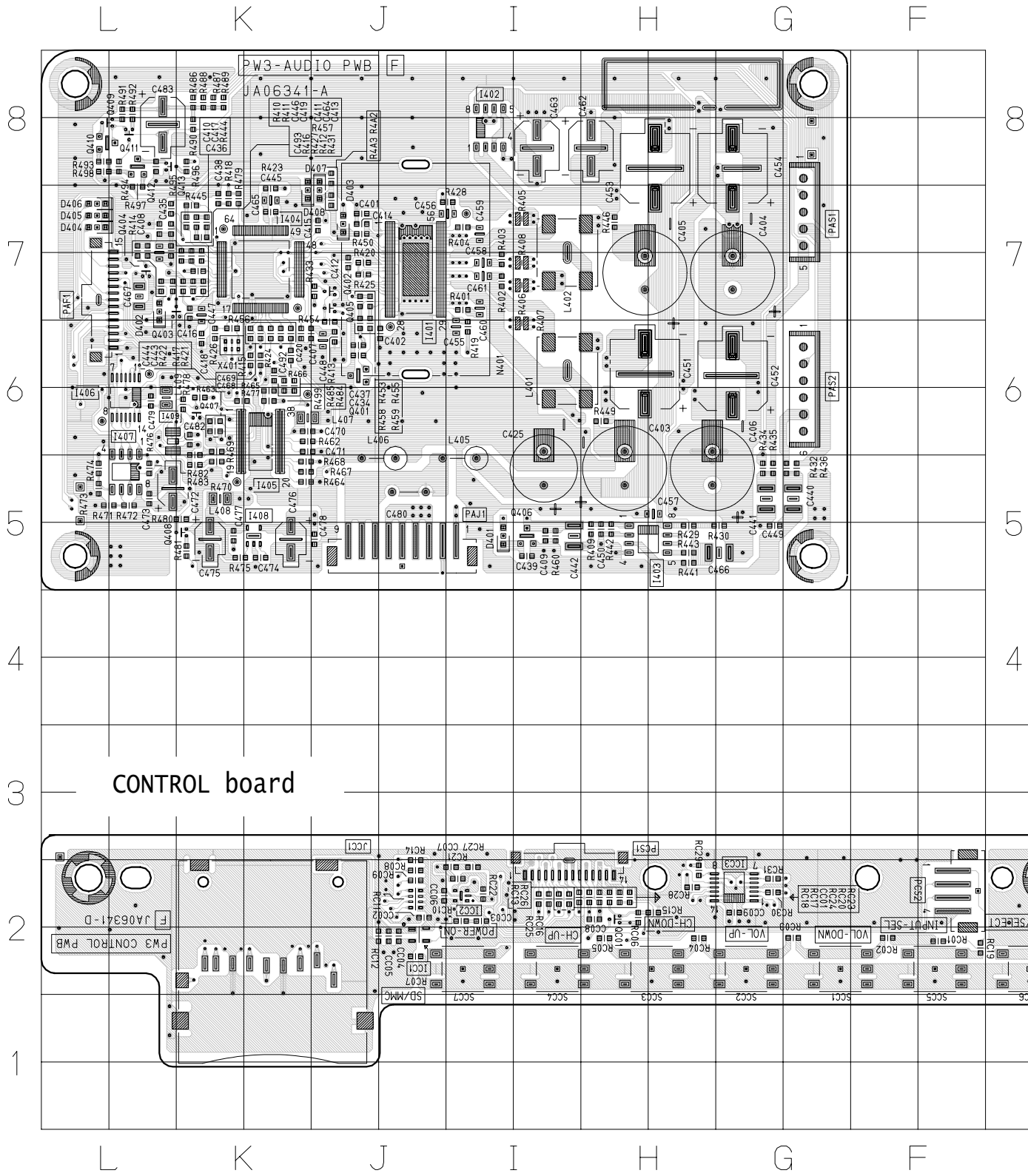
Mainly chip parts reference table

CIR.No.	Position	CIR.No.	Position
D102	B5	L505	A3
D103	B5	L700	D4
D201A	C6	L801	A3
D202A	C6	Q100	B4
D203A	C7	Q101	B4
D403	F2	Q102	B4
D405	E1	Q103	B5
D406	F1	Q104	B5
D900	B4	Q105	B5
IC102	B5	Q106	B5
IC103	C4	Q201D	C5
IC104	C5	Q202A	C8
IC105	C5	Q203A	C8
IC201D	C5	Q204A	C8
IC202A	C7	Q205A	C8
IC208D	D6	Q210A	C5
IC210	D6	Q211A	C5
IC301D	D6	Q300A	F6
IC302A	F7	Q301A	F5
IC303A	E5	Q302A	E6
IC304A	E5		
IC401	F1		
IC402	E1		
IC403	E2		
IC404	D2		
IC500	D7		
IC501	E8		
IC502	F8		
IC505	A4		
IC701	E4		
IC702	E4		
IC703	F3		
IC704	E4		
IC705	F3		
IC706	E5		
IC803	A6		
IC804	B6		
IC806	B4		
IC807	A3		
IC900	C3		
IC901	C4		
IC902	D2		
KIKU1S	A2		
KIKU2S	D8		
KIKU3S	A8		
L101	C5		
L102	B5		
L200A	C7		
L201A	C8		
L202A	C6		
L205A	D5		
L300D	E7		
L408	D2		
L409	E2		
L411	F3		

AUDIO / CONTROL / SW board

(side-A)

AUDIO board



Mainly chip parts reference table

AUDIO board

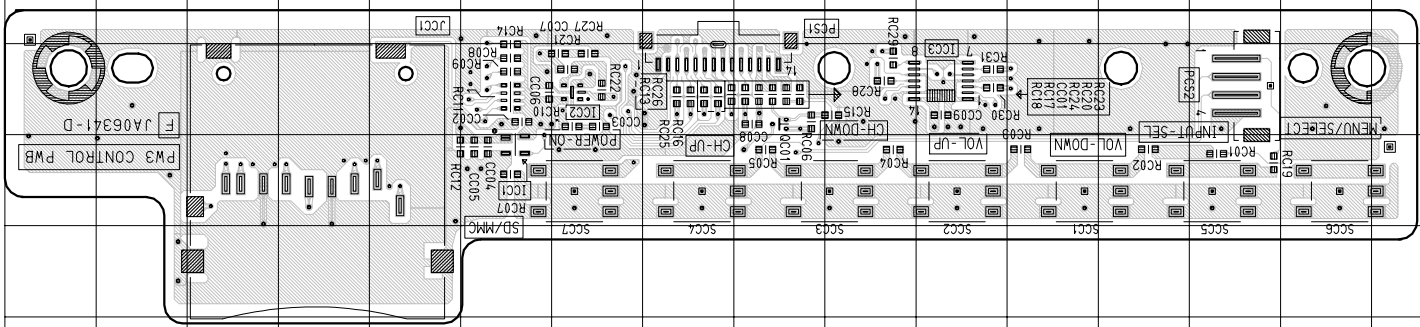
Cir.No.	Position
D401	I5
D402	L7
D403	J7
D404	L7
D405	L7
D406	L7
D407	J7
D408	K7
I401	J7
I402	I8
I403	H5
I404	K7
I405	K6
I406	L6
I407	L5
I408	K5
I409	L6
KIKU1	L5
KIKU2C	G8
KIKU3C	L8
KIKU4C	G5

Cir.No.	Position
L401	I6
L402	I7
L407	K6
L408	K5
L409	L6
PAF1	L7
PAJ1	J5
Q401	J6
Q402	J7
Q403	L7
Q404	L7
Q405	J7
Q406	I5
Q407	K6
Q408	K5
Q409	L8
Q410	L8
Q411	L8
Q412	L8
Q413	L8
X401	K6

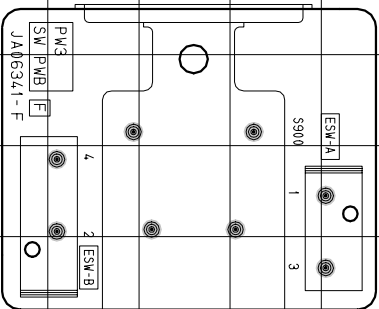
CONTROL board

Cir.No.	Position
ICC1	J2
ICC2	I2
ICC3	G2
JCC1	K2
KIKU1C	L2
KIKU2C	E2
PCS1	I2
PCS2	F2
QC01	H2
SCC1	G2
SCC2	G2
SCC3	H2
SCC4	I2
SCC5	F2
SCC6	E2
SCC7	I2

CONTROL board



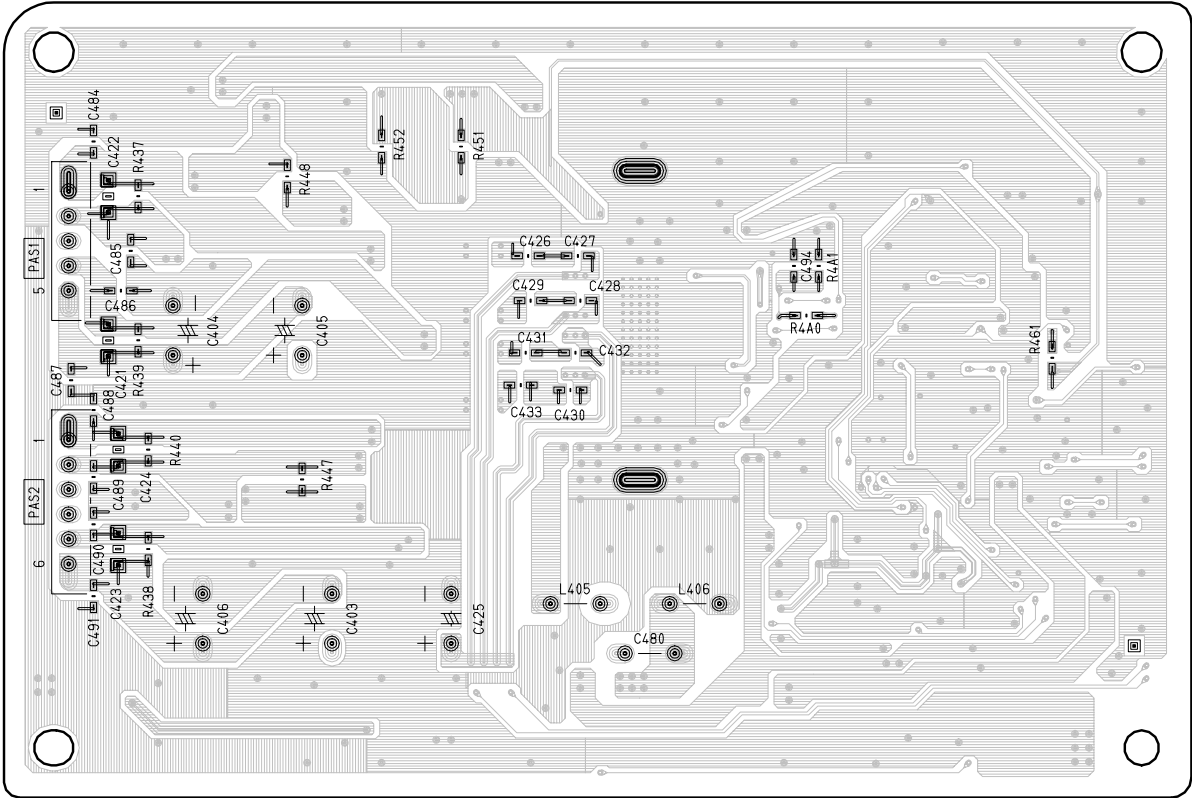
SW board



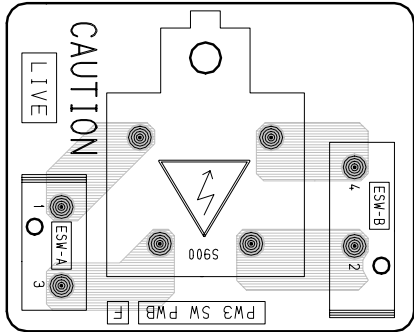
AUDIO / CONTROL / SW board

(side-B)

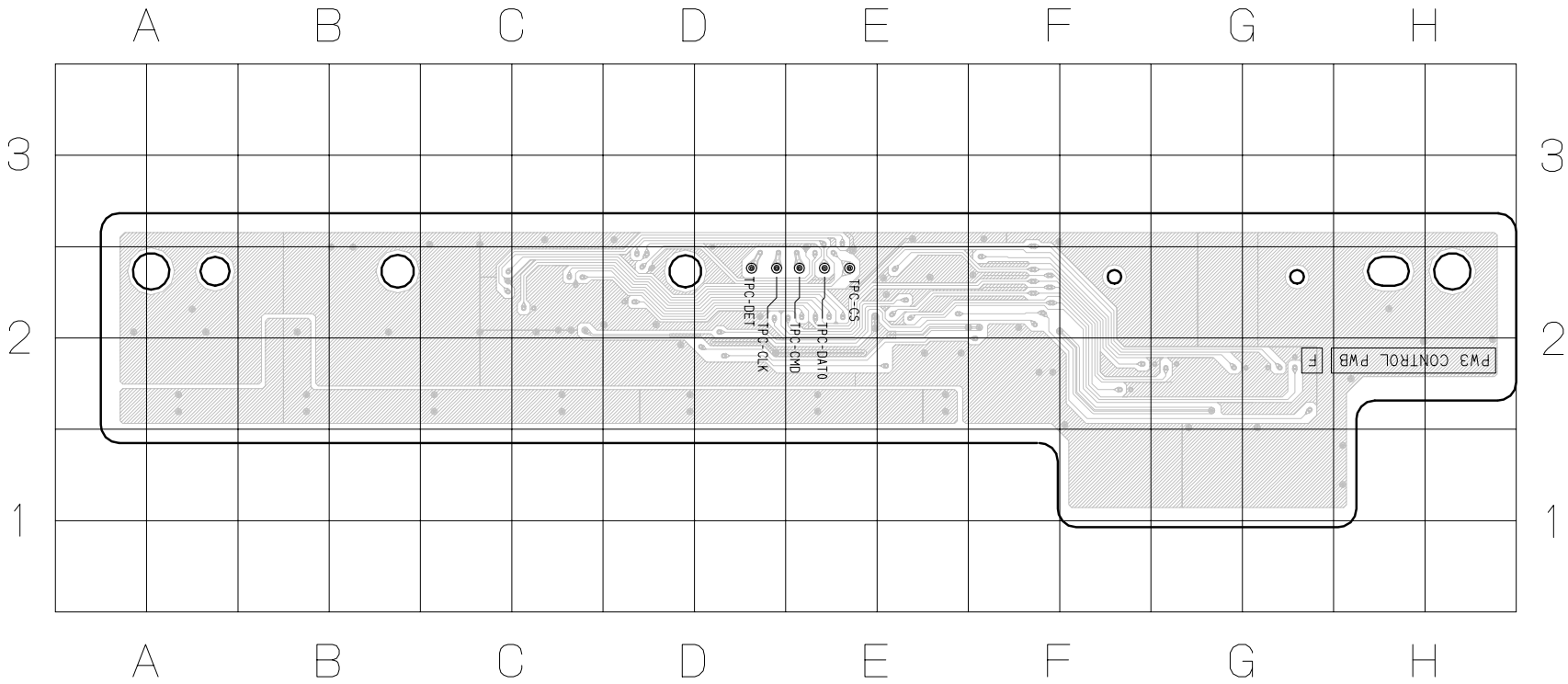
AUDIO board



SW board



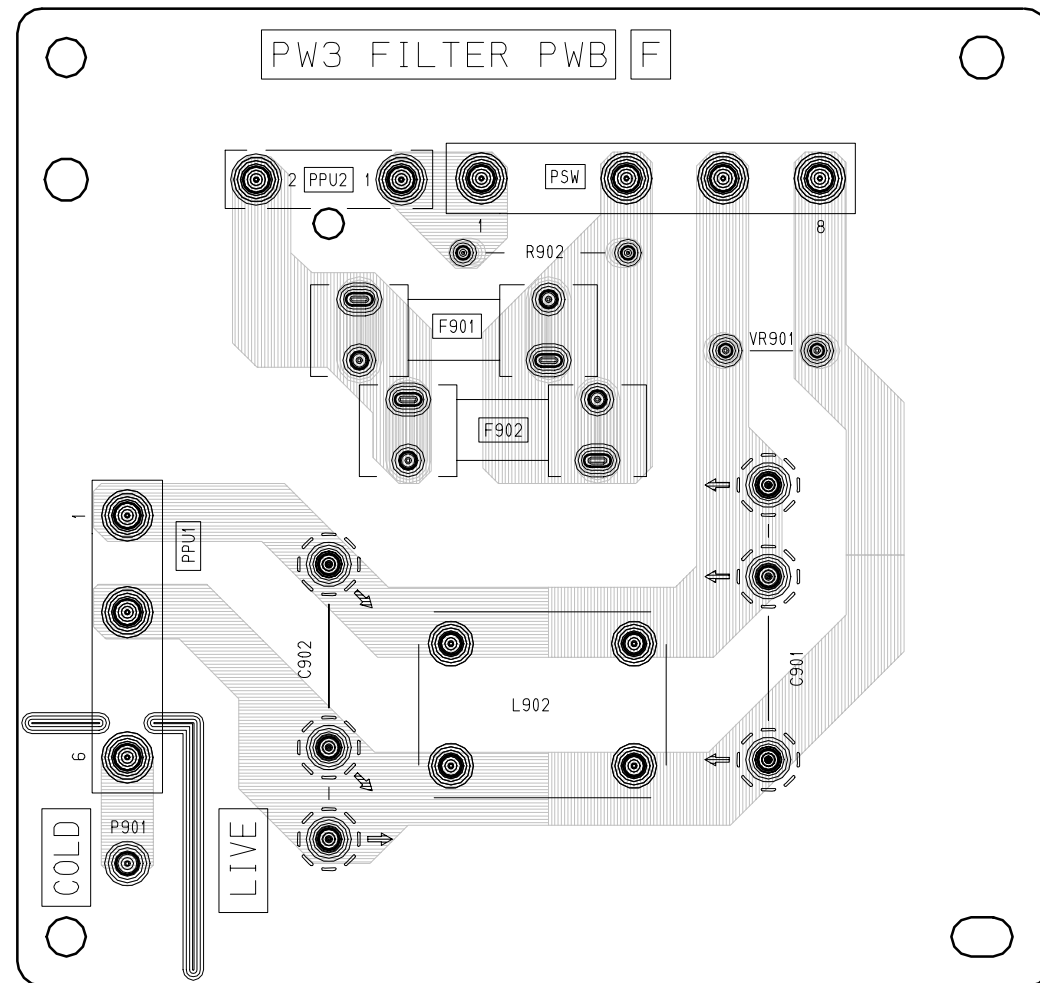
CONTROL board



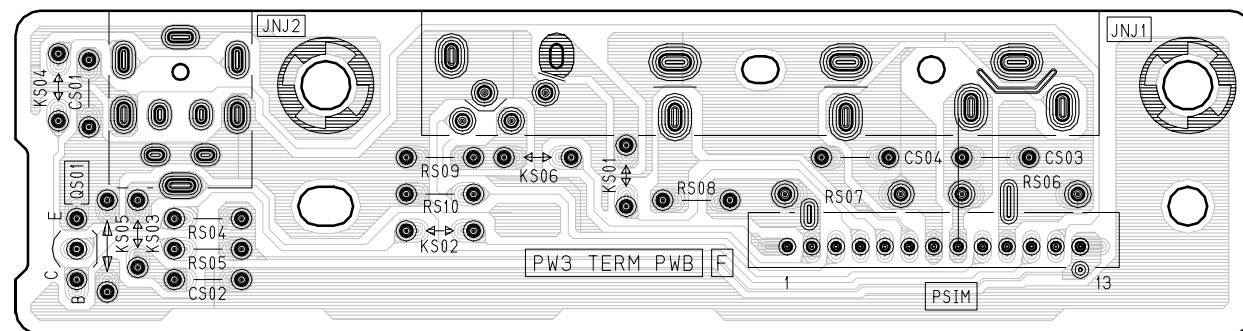
Mainly chip parts
reference table

Cir.No.	Position
TPC_CLK	D2
TPC_CMD	E2
TPC_CS	E2
TPC_DAT0	E2
TPC_DET	D2

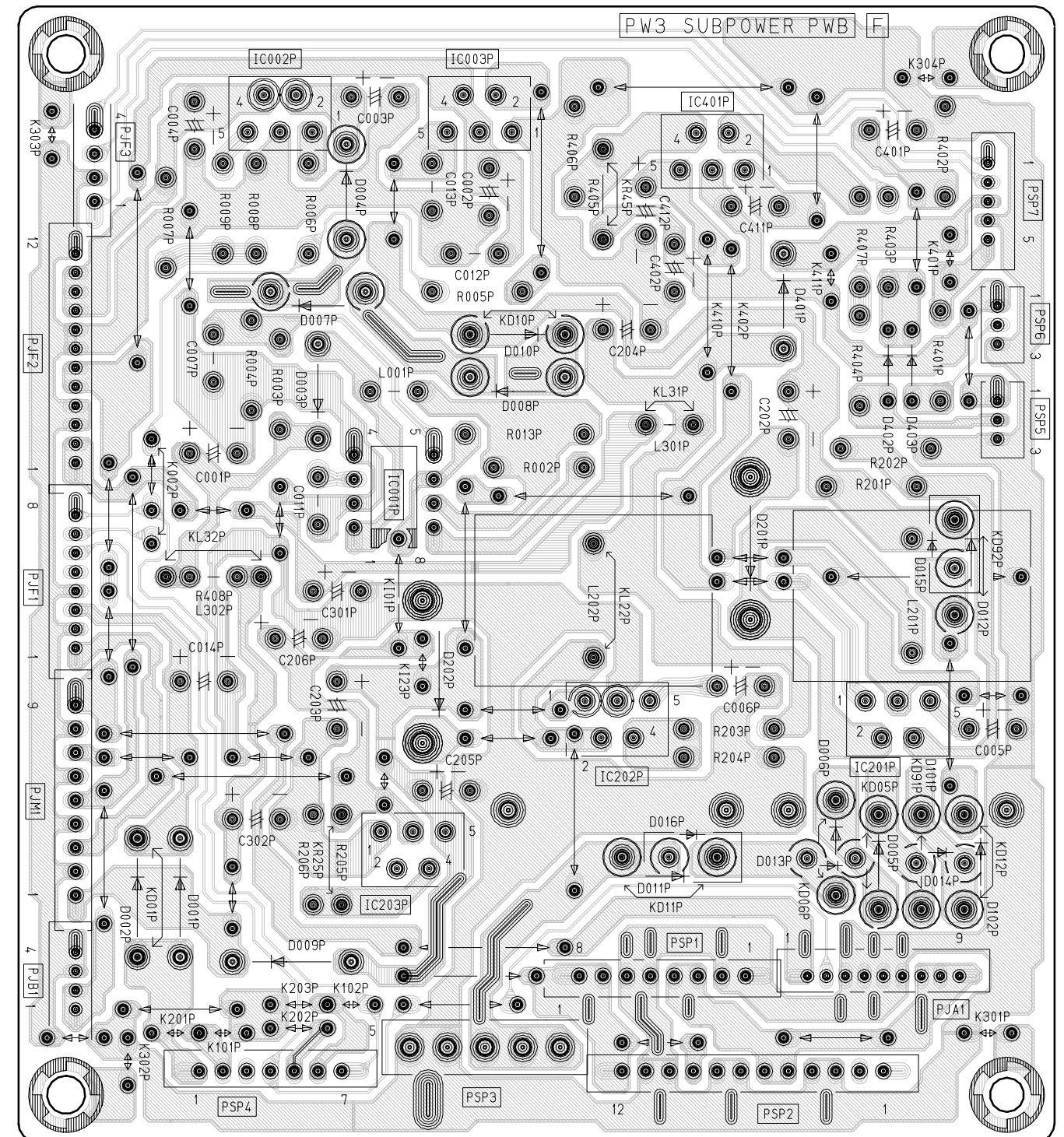
FILTER board



TERM board

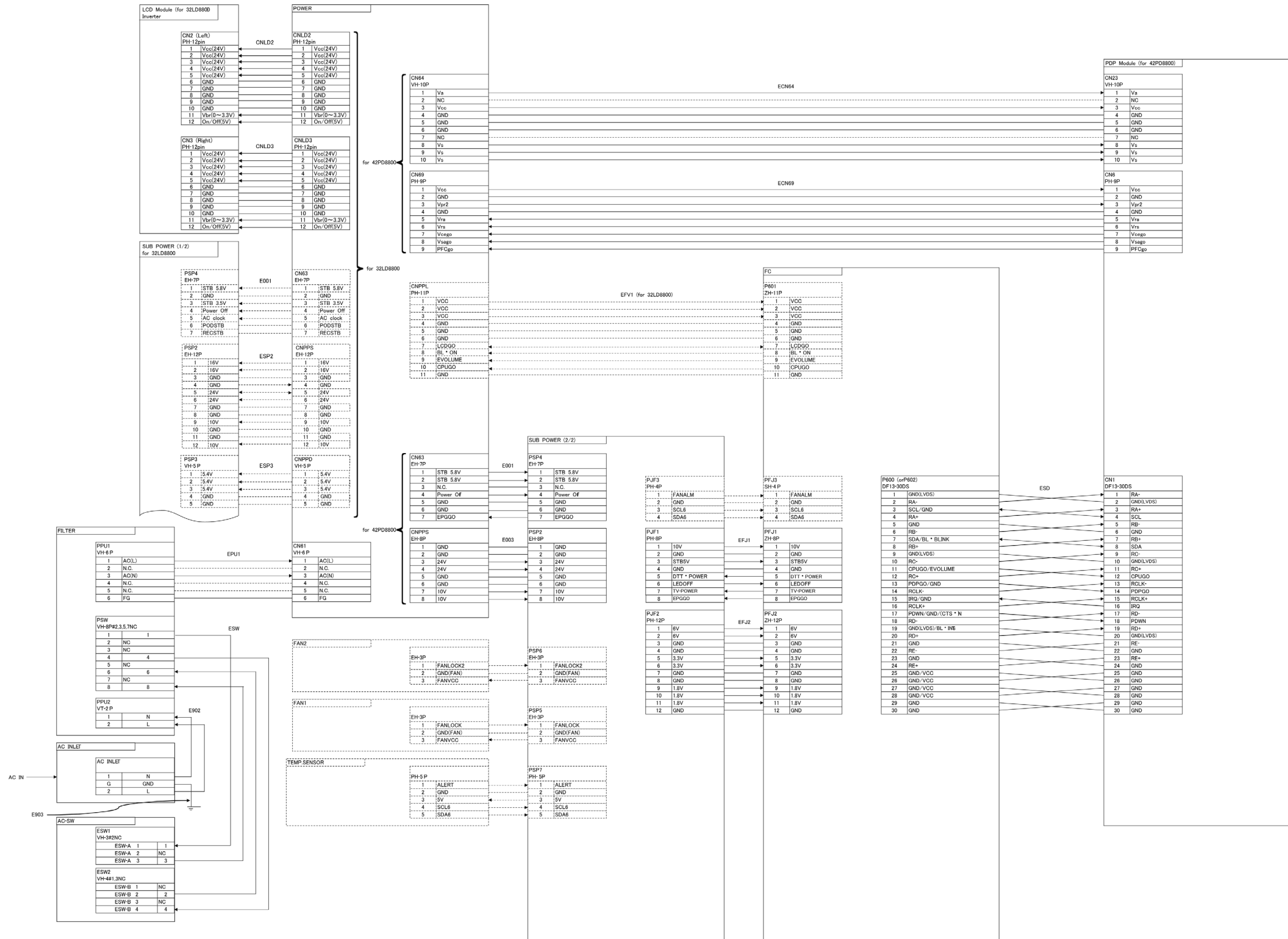


SUB POWER board



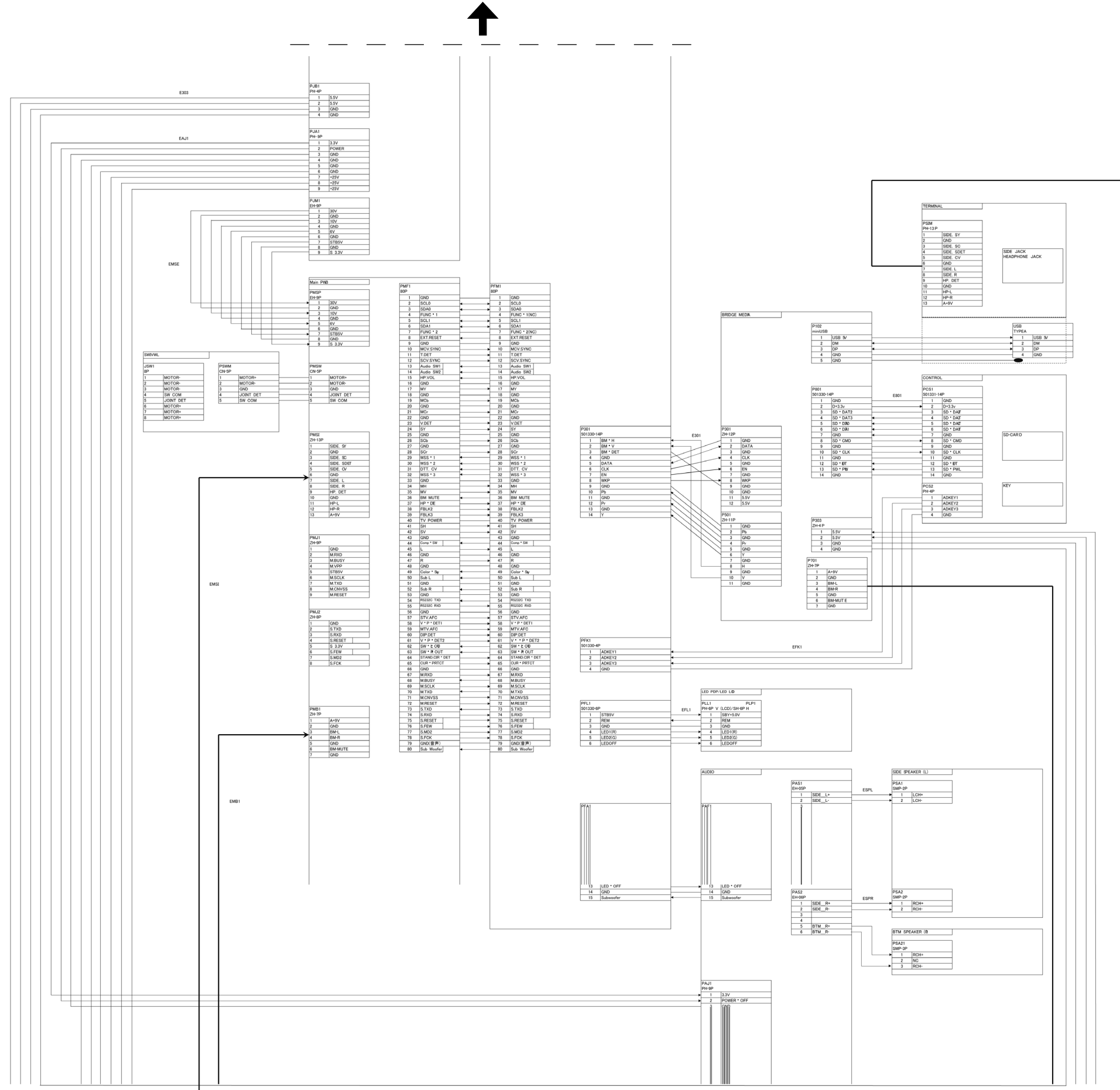
12. Connection diagram

Connection diagram 1/2

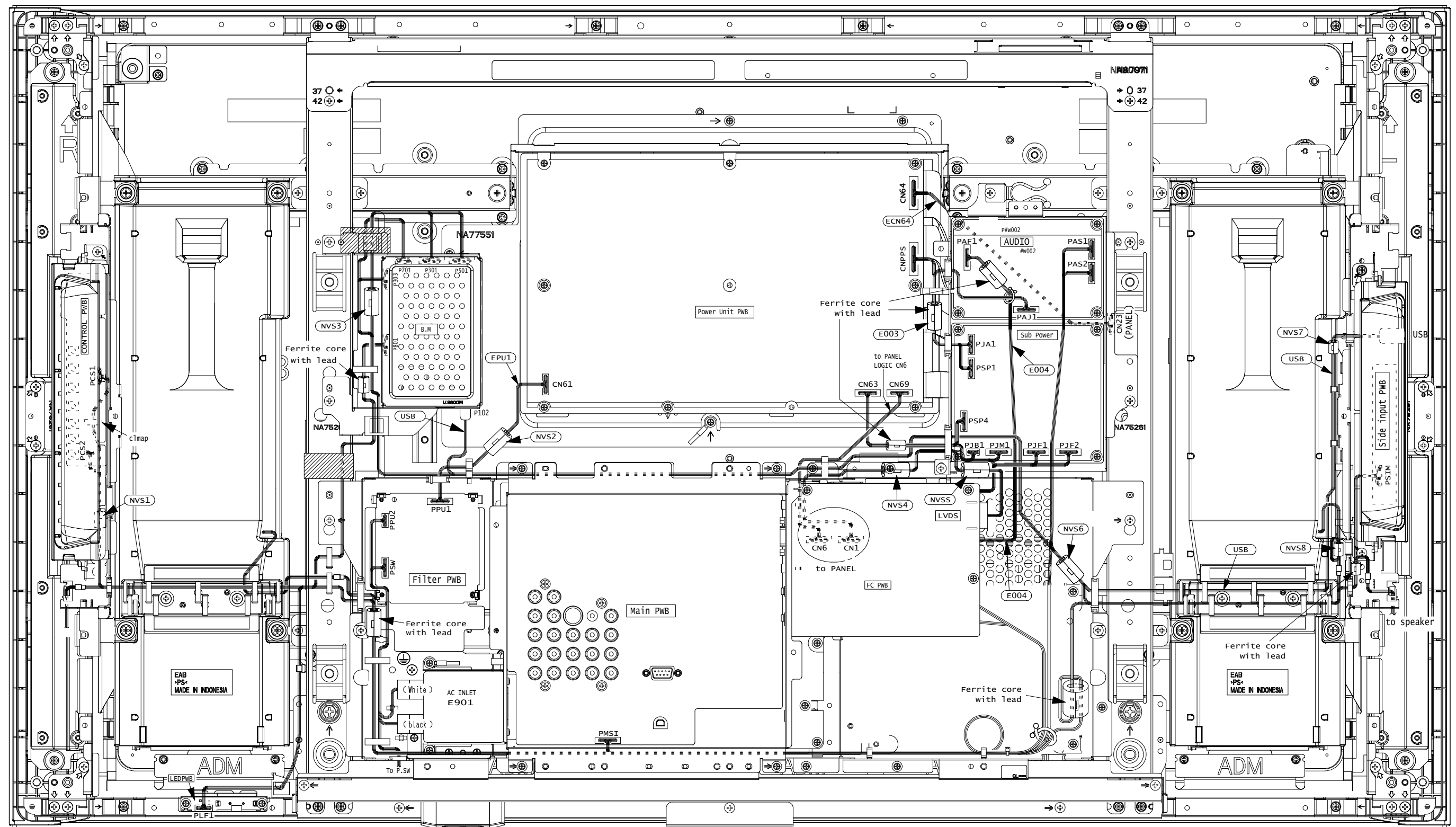


to connection diagram 2/2

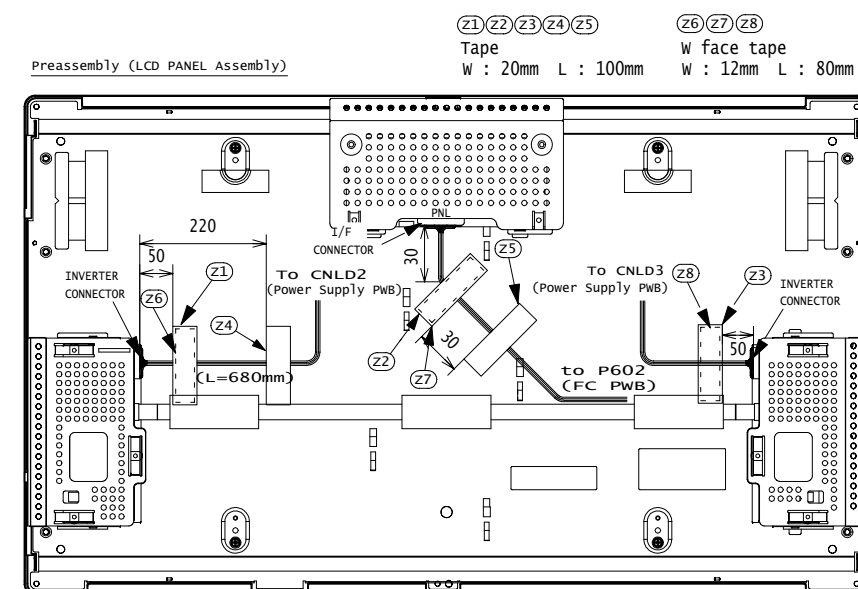
to connection diagram 1/2



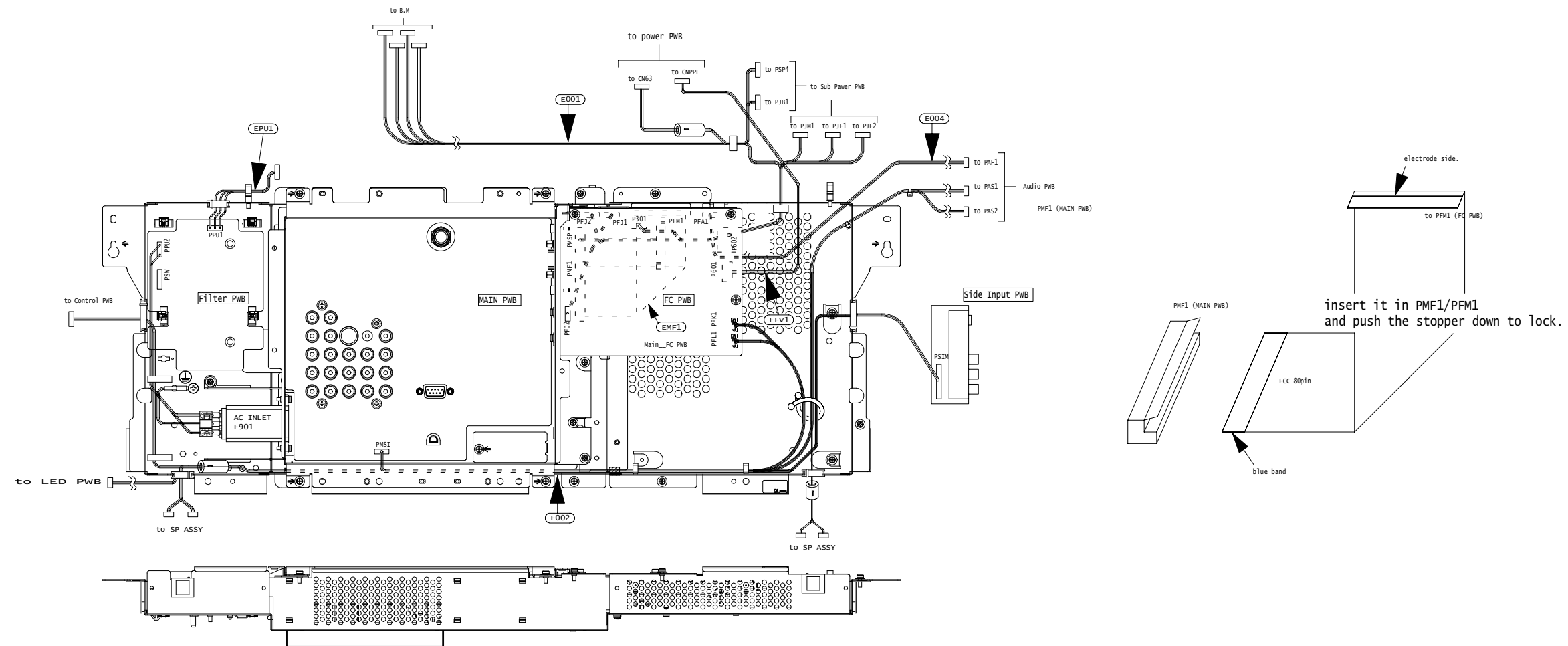
[42PD8800 (1/2)]



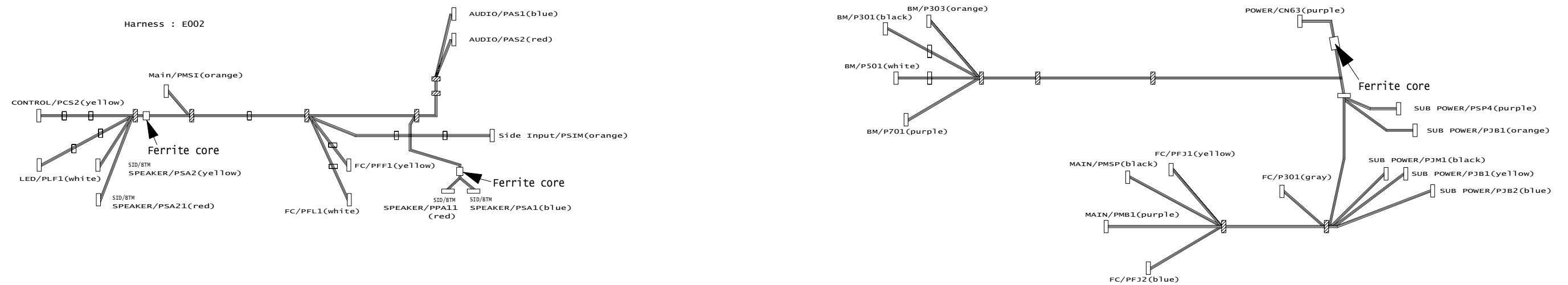




[32LD8800 (2/2)]

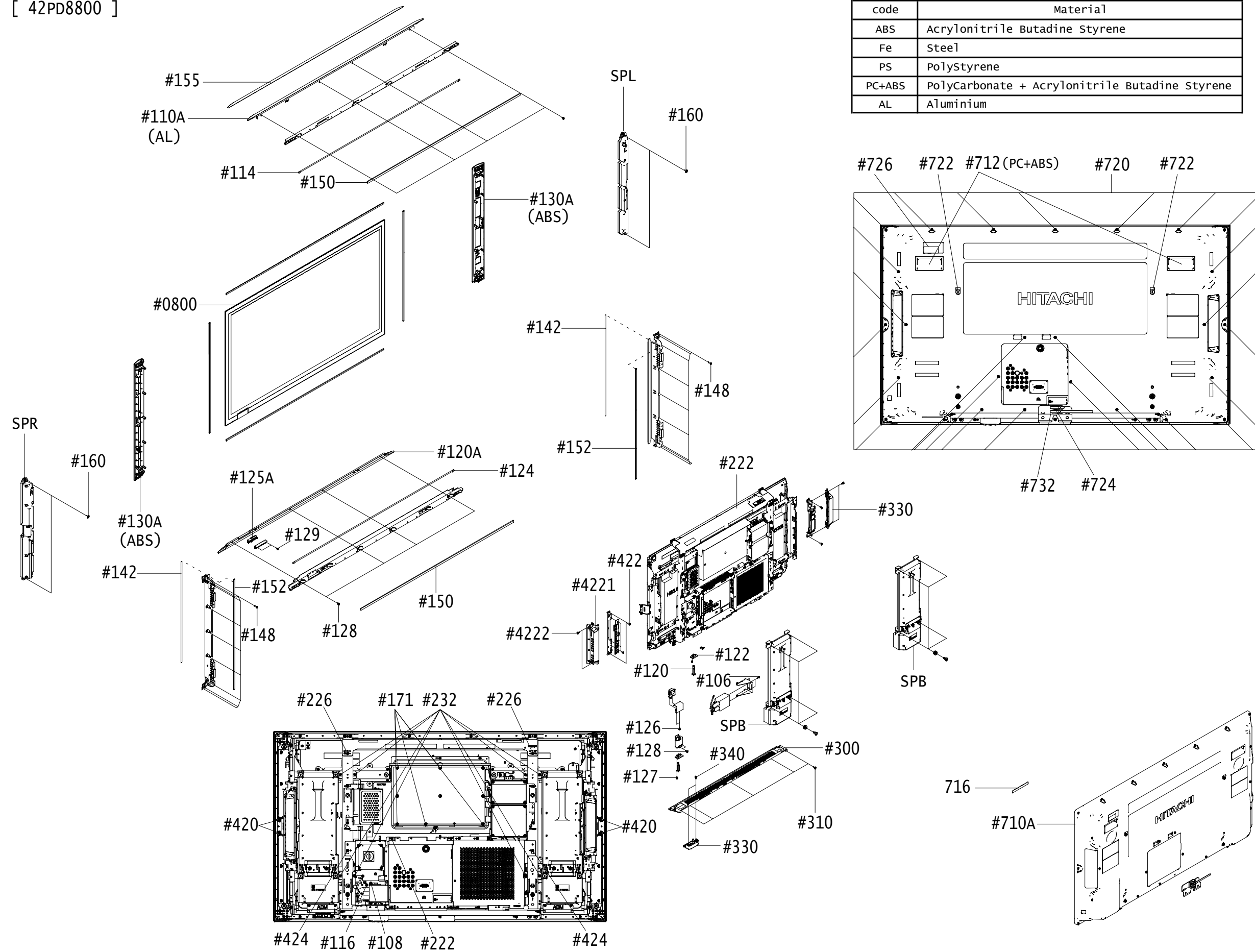


Harness E001



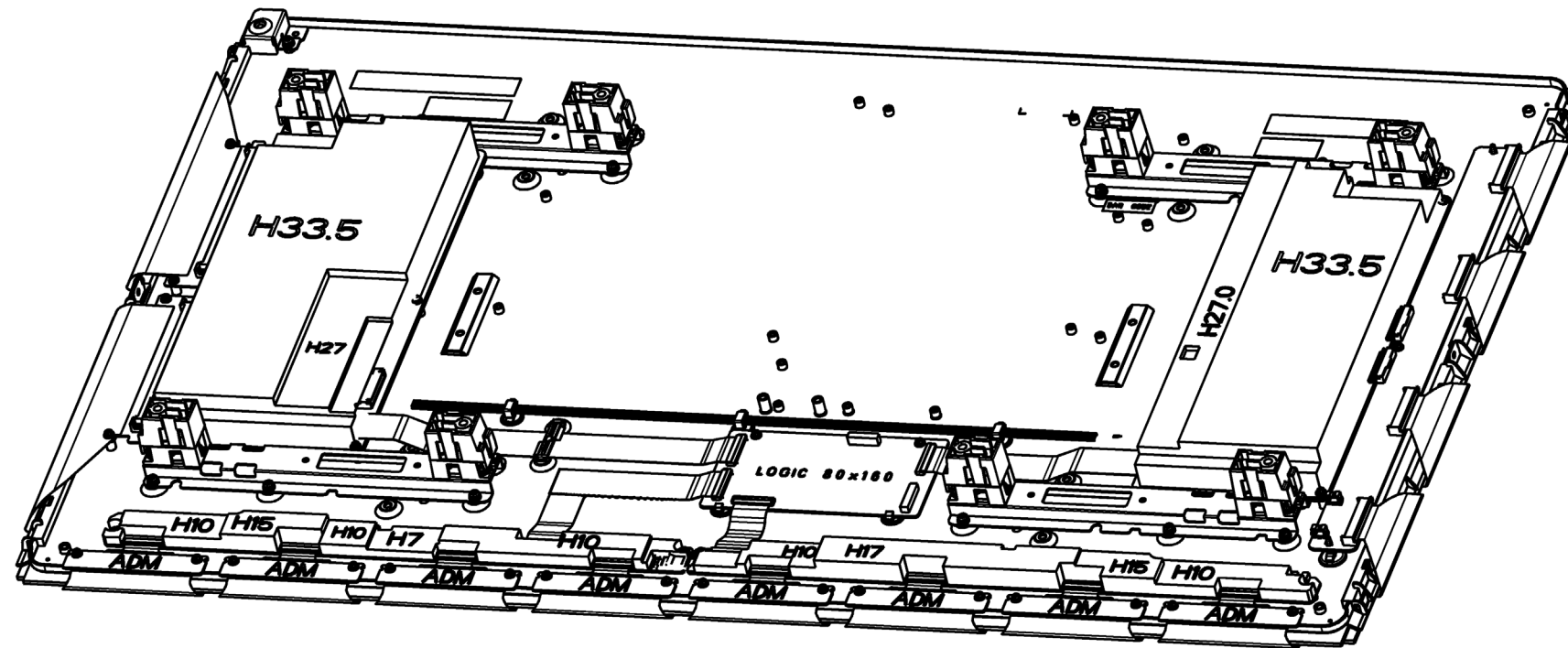
14. Disassembly diagram

[42PD8800]

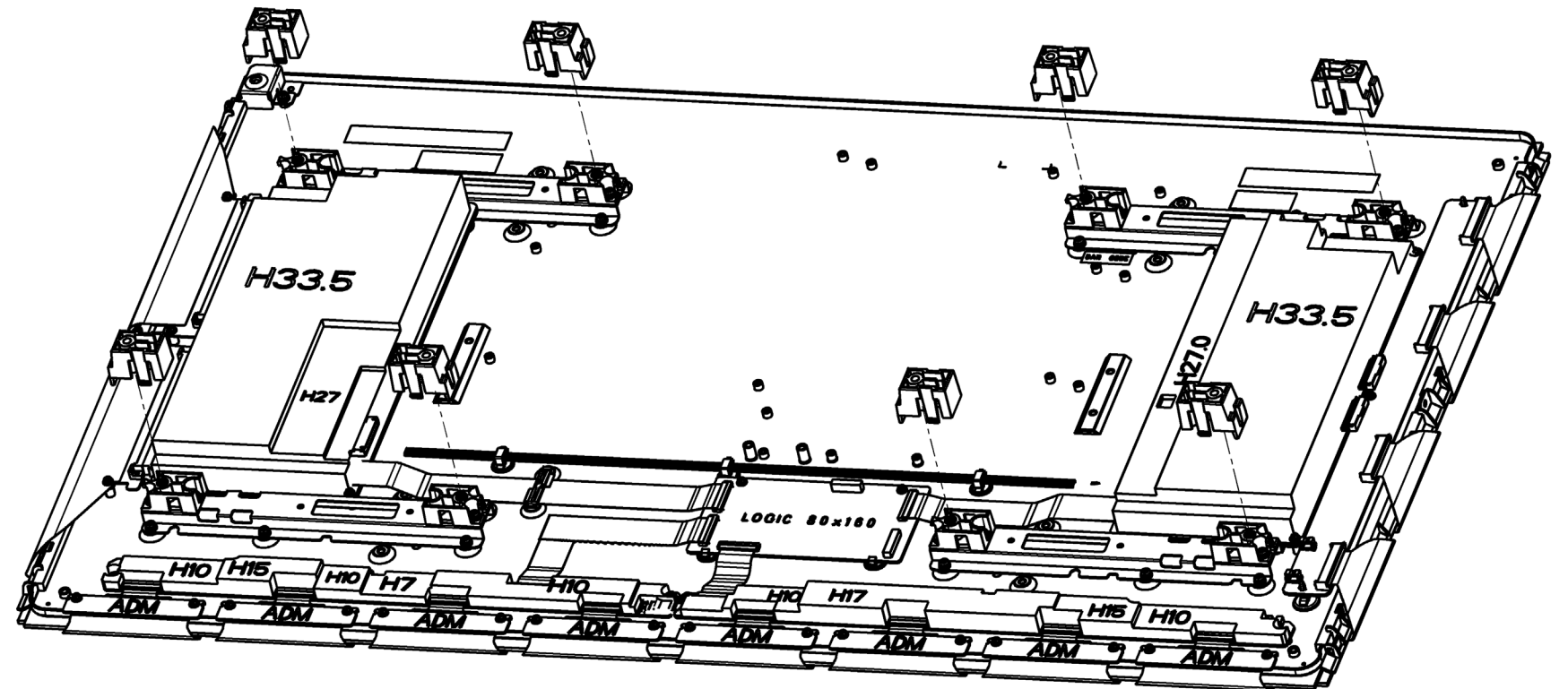




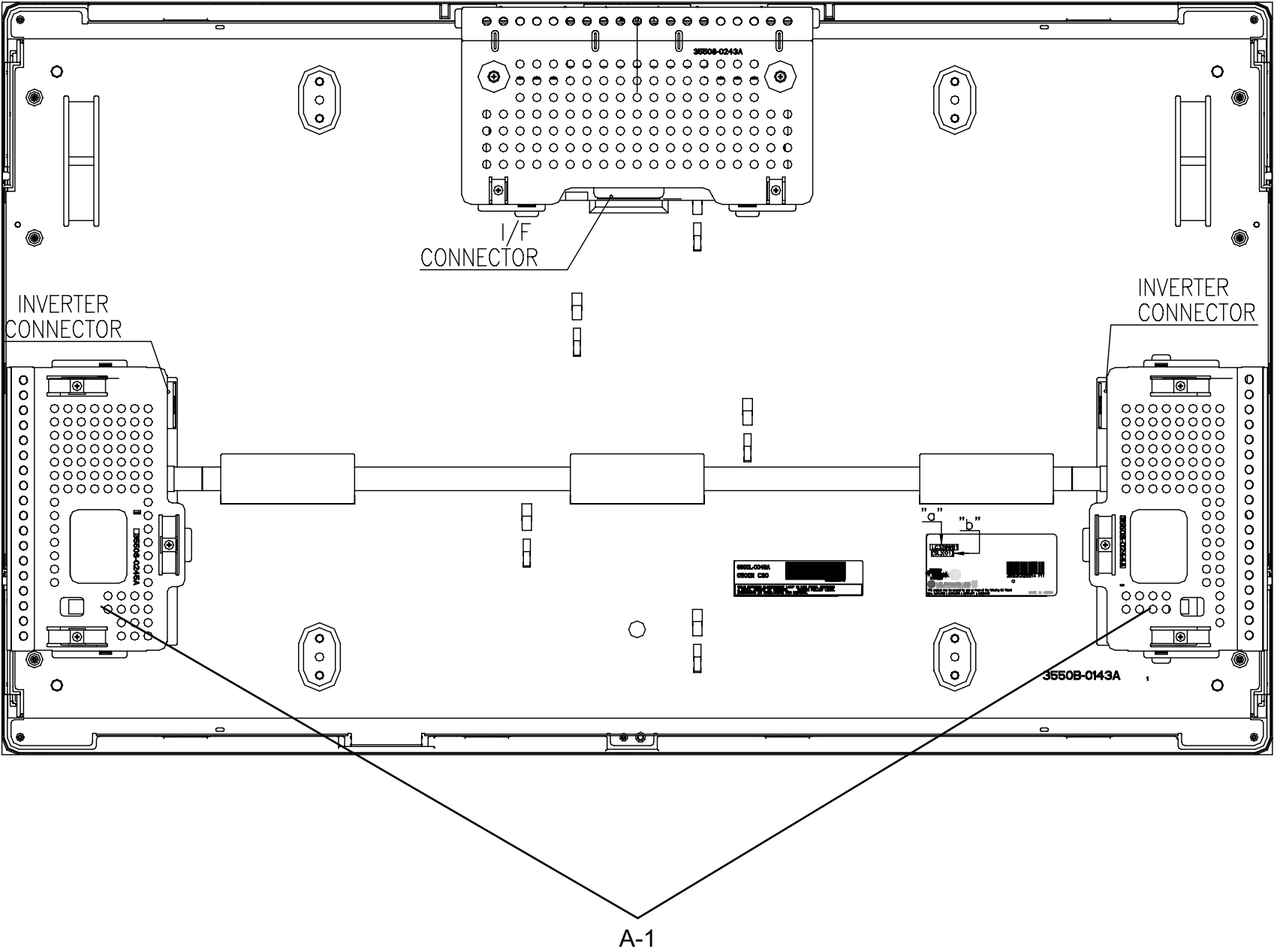
Panel Module 42PD8800TA



Remove these holders before replacing PDP module.
Add these holders before packing PDP module.



Panel Module 32LD8800TA



Spare Part Name	Spare Part No.
Panel Module	DD00812K
Inverter Unit	TE03061

15. Replacement Parts list

• 42PD8800

PRODUCT SAFETY NOTE : Components marked with a \triangle have special characteristics important to safety.

Before replacing any of these components, read carefully, the CAUTION FOR SAFETY of this Service Manual.

Don't degrade the safety of the receiver through improper servicing.


NOTE : This parts list is applied to the products made in Japan.

Parts on FC board are not included on this parts list.

ABBREVIATIONS	Capacitors ······CD: Ceramic Disk, PF: Polyester Film, EL: Electrolytic, PP: Polypropylene, PR: Paper, TA: Tantalum, TM: Trimer.
	Resistors ······CF: Carbon film, WW: Wire Wound, FR: Fuse Resistor, MG: Metal Glazed, VR: Variable resistor, CC: Carbon Composition, MF: Metal Oxide Film.
	Semiconductors ····TR: Transistor, DI: Diode, ZD: Zener Diode, VA: Varistor, TH: Thermistor.

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
#0800	KS20701	FRONT FILTER	#322	MJ03963	SCREW M3X8 PAN HEAD
#101	MJ03963	SCREW M3X8 PAN HEAD	#330	PC06501	POWER BUTTON ASS'Y
#106	MJ03963	SCREW M3X8 PAN HEAD	#330	PH35846	INPUT ASS'Y FOR ASIA
#108	MJ03963	SCREW M3X8 PAN HEAD	#340	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#10A	SG39433	CARTON BOX	#342	MJ03963	SCREW M3X8 PAN HEAD
#110A	PM30371	DECO BAR TOP	#356	MF01853	GASKET
#114	MF01654	GASKET 6-3-1060 J1K	#40	SP21632	TOP CUSHION
#116	MJ03743	SCREW 4X8 PAN HEAD	#420	MJ03568	4X16 DT SCREW
#118	MJ03618	4X10 TAPPING SCREW WITH WASHER	#422	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#120	NJ21141	SWITCH SHAFT SUPPORT	#4221	PH35834	CONTROL ASS'Y ASIA
#120A	PM30481	DECO BAR BOTTOM	#4222	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#122	NX30331	SWITCH SHAFT SUPPORT GUIDE	#424	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#124	MF01654	GASKET 6-3-1060 J1K	#451	MJ03963	SCREW M3X8 PAN HEAD
#125A	NJ21202	REMOTE CONTROL RECEIVER LENS	#50	SP21641	BOTTOM CUSHION
#126	MJ03963	SCREW M3X8 PAN HEAD	#551	MJ03963	SCREW M3X8 PAN HEAD
#127	MJ03963	SCREW M3X8 PAN HEAD	#557	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#128	MJ03618	4X10 TAPPING SCREW WITH WASHER	#575	MJ03963	SCREW M3X8 PAN HEAD
#128	MJ03963	SCREW M3X8 PAN HEAD	#576	MJ03598	M3X8 SCREW WITH WASHER
#129	MJ03963	SCREW M3X8 PAN HEAD	#585	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#130A	PH36931	SPEAKER GRILL ASS'Y	#60	MM00181	GRIP JOINT(CARTON BOX)
#133	MJ03963	SCREW M3X8 PAN HEAD	#70	SU03391	LAMINATE COVER
#142	MF01655	GASKET 6-3-560 J1K	#710A	QA03171	BACK COVER
#148	MJ03568	4X16 DT SCREW	#712	PH35781	BACK COVER GRIP
#150	MN08661	AIR FILTER 10X5X986	#714	MF01667	GASKET 10-1-115 J1K
#152	MN08662	AIR FILTER 10X5X592	#716	MF01664	GASKET 6-3-100 J1K
#155	PH37193	DECO SHEET	#718	MS00482	HIMERON 20X34
#160	MJ04013	SCREW M3X16	#720	MJ03895	4X10 SCREW D3 BIND CP-GRIP
#170	MJ03963	SCREW M3X8 PAN HEAD	#722	MJ03989	SCREW M6X12
#171	MJ03598	M3X8 SCREW WITH WASHER	#724	MJ04036	SCREW M4X14
#176	MJ03598	M3X8 SCREW WITH WASHER	#726	QL21403	TEMP CAUTION LABEL
#20	SG38661	CARTON BOX TRAY	#732	ML02261	CABLE CLAMP
#201	MJ03593	M3X8 SCREW WITH WASHER	#740	ML02111	CABLE CLAMP
#202	MJ03593	M3X8 SCREW WITH WASHER	A1	QJ02072	STAND ASS'Y
#222	MJ03963	SCREW M3X8 PAN HEAD	A-1	TS06287	PWB ASS'Y X-SUS A3 (DD00721)
#224	MJ03963	SCREW M3X8 PAN HEAD	A-10	TE02581	CABLE LOGIC-ABUSR A3 (DD00721)
#226	MJ03895	4X10 SCREW D3 BIND CP-GRIP	A11	JP09441	PWB ASS'Y MAIN
#230	MJ03351	SCREW D-SUB	A-11	TE02582	CABLE XSUS-YSUS A3 (DD00721)
#232	MJ03895	4X10 SCREW D3 BIND CP-GRIP	A-12	TE02583	CABLE XSUS-ABUSR A3 (DD00721)
#232	NA79351	TERMINAL DOOR	A-2	TS06288	PWB ASS'Y Y-SUS A3 (DD00721)
#234	MJ03618	4X10 TAPPING SCREW WITH WASHER	A21	JP09461	PWB ASS'Y SOUND
#234	MJ03963	SCREW M3X8 PAN HEAD	A21	UX25311	PWB ASS'Y FC PDP
#236	MJ03351	SCREW D-SUB	A-3	TS06289	PWB ASS'Y ABUS-L A3 (DD00721)
#238	MJ03963	SCREW M3X8 PAN HEAD	A31	JP09471	PWB ASS'Y SUB POWER
#252	MF01854	GASKET	A-4	TS06291	PWB ASS'Y ABUS-R A3 (DD00721)
#262	MJ03963	SCREW M3X8 PAN HEAD	A-5	TS06292	PWB ASS'Y X-BUS A3 (DD00721)
#30	SG38402	CARTON BOX PAD	A-6	TS06293	PWB ASS'Y LOGIC A3 (DD00721)
#300	NA75401	BOTTOM COVER	A-7	TE02577	CABLE LOGIC-ABUSL A3 (DD00721)
#310	MJ03895	4X10 SCREW D3 BIND CP-GRIP	A-8	TE02578	CABLE LOGIC-XSUS A3 (DD00721)

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
A-9	TE02579	CABLE LOGIC-YSUS A3 (DD00721)	C232	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C001P	0284457N	EL 330MF 50V	C233	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C002P	0284404R	EL 100MF 16V	C234	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C004P	0284404R	EL 100MF 16V	C235	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C005P	0800273W	CAPACITOR EL 0.22MF 50V	C236	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C006P	0800273W	CAPACITOR EL 0.22MF 50V	C237	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C007P	0270428R	PP 2200PF +-5% 50V	C238	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C011P	0270426R	PF 1500PF +-5% 50V	C239	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C101	0800359R	CAPACITOR EL 1000MF 10V	C240	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C102	0800359R	CAPACITOR EL 1000MF 10V	C241	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C103	0800359R	CAPACITOR EL 1000MF 10V	C242	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C104	0800359R	CAPACITOR EL 1000MF 10V	C243	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C105	AD00479R	CAPACITOR EL CHIP 10MF 50V	C244	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C106	AD00479R	CAPACITOR EL CHIP 10MF 50V	C245	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C107	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C246	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C108	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C247	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C110	0893175R	CAPACITOR CHIP 1000PF +-5% 50V	C248	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C112	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C249	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C113	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C250	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C115	AD00479R	CAPACITOR EL CHIP 10MF 50V	C251	AD00629R	CAPACITOR EL CHIP 10MF 16V
C116	AD00479R	CAPACITOR EL CHIP 10MF 50V	C252	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C118	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C253	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C119	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C254	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C121	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C255	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C122	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C256	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C123	AD00622R	CAPACITOR EL CHIP 47MF 6.3V	C257	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C124	AD00658R	CAPACITOR EL CHIP 100MF 50V	C258	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C127	AD00629R	CAPACITOR EL CHIP 10MF 16V	C259	AD00658R	CAPACITOR EL CHIP 100MF 50V
C128	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C260	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C129	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C261	AD00658R	CAPACITOR EL CHIP 100MF 50V
C201	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C262	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C202	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C263	AD00658R	CAPACITOR EL CHIP 100MF 50V
C202P	0284408N	EL 1000MF 16V	C264	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C203P	0284408N	EL 1000MF 16V	C265	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C204P	0284408N	EL 1000MF 16V	C266	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C205	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C267	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C205P	0284403R	EL 47MF 16V	C268	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C206	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C269	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C206P	0284403R	EL 47MF 16V	C270	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C209	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C271	AD00421R	CAPACITOR EL CHIP 470MF 6.3V
C210	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C272	AD00421R	CAPACITOR EL CHIP 470MF 6.3V
C213	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C273	AD00658R	CAPACITOR EL CHIP 100MF 50V
C214	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C276	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C217	AD00629R	CAPACITOR EL CHIP 10MF 16V	C277	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C218	AD00629R	CAPACITOR EL CHIP 10MF 16V	C278	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C219	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C279	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C220	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C280	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C223	AD00421R	CAPACITOR EL CHIP 470MF 6.3V	C281	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C224	AD00629R	CAPACITOR EL CHIP 10MF 16V	C282	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C225	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C283	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C226	AD00629R	CAPACITOR EL CHIP 10MF 16V	C284	AD00629R	CAPACITOR EL CHIP 10MF 16V
C227	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C286	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C228	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C287	AD00632R	CAPACITOR EL CHIP 47MF 16V
C229	AD00629R	CAPACITOR EL CHIP 10MF 16V	C288	AD00632R	CAPACITOR EL CHIP 47MF 16V
C230	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C289	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C231	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C290	AA00931R	CAPACITOR CHIP 1MF +-10% 10V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C291	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C440	AA00421R	CAPACITOR CHIP 4.7MF +-10% 16V
C292	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C441	AA00421R	CAPACITOR CHIP 4.7MF +-10% 16V
C293	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C442	AA00421R	CAPACITOR CHIP 4.7MF +-10% 16V
C294	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C445	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C295	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C446	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C2A0	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C447	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C2R0	AA00699R	CAPACITOR CHIP 10MF +-10% 16V	C448	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C2R1	AA00699R	CAPACITOR CHIP 10MF +-10% 16V	C449	0893199R	CAPACITOR CHIP 220PF +-10% 50V
C2R2	AA00699R	CAPACITOR CHIP 10MF +-10% 16V	C450	0893199R	CAPACITOR CHIP 220PF +-10% 50V
C2R3	AA00699R	CAPACITOR CHIP 10MF +-10% 16V	C451	AD00633R	CAPACITOR EL CHIP 470MF 16V
C301	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C452	AD00633R	CAPACITOR EL CHIP 470MF 16V
C305	AD00629R	CAPACITOR EL CHIP 10MF 16V	C453	AD00633R	CAPACITOR EL CHIP 470MF 16V
C307	AD00658R	CAPACITOR EL CHIP 100MF 50V	C454	AD00633R	CAPACITOR EL CHIP 470MF 16V
C308	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C455	0893086R	CD 0.1MF +80-20% 50V CHIP
C352	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C456	0893086R	CD 0.1MF +80-20% 50V CHIP
C353	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C457	AA00991R	CAPACITOR CHIP 0.1MF +-10% 50V
C354	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C458	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V
C355	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C459	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V
C356	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C460	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V
C357	AD00632R	CAPACITOR EL CHIP 47MF 16V	C461	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V
C401	AA01144R	CAPACITOR CHIP 1MF +-10% 16V	C462	AD00443R	CAPACITOR EL CHIP 220MF 16V
C402	AA01144R	CAPACITOR CHIP 1MF +-10% 16V	C463	AD00443R	CAPACITOR EL CHIP 220MF 16V
C403	AL01858R	EL 1000MF 25V	C464	AA01111R	CAPACITOR CHIP 1MF +-10% 6.3V
C404	AL01858R	EL 1000MF 25V	C465	AA01132R	CAPACITOR CHIP 0.22MF +-10% 6.3V
C405	AL01858R	EL 1000MF 25V	C466	AA00422R	CAPACITOR, CHIP 10MF +-10% 16V
C406	AL01858R	EL 1000MF 25V	C467	AA00754R	CAPACITOR CHIP 47MF +-10% 6.3V
C407	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C468	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C408	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C469	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C409	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C470	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C410	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C471	AA01136R	CAPACITOR, CHIP 0.47MF +-10% 6.3V
C411	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C479	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C412	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C480	0880003W	CAPACITOR PFM 1000PF +-10% 50V
C413	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C482	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C414	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C483	AD00623R	CAPACITOR EL CHIP 100MF 6.3V
C415	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C484	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C416	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C485	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C417	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C486	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C418	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C487	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C419	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C488	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C420	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C489	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C421	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C490	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C422	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C491	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C423	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C492	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C424	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C493	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C425	AL01865R	CAPACITOR EL 470MF 35V	C501	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C426	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C502	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C427	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C503	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C428	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C504	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C429	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C505	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C430	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C506	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C431	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C507	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C432	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C508	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C433	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C509	0893117R	CAPACITOR CHIP 22PF +-5% 50V
C435	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C510	0893117R	CAPACITOR CHIP 22PF +-5% 50V
C436	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C514	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C437	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C515	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V

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C516	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C572	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C517	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C573	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C518	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C574	AD00622R	CAPACITOR EL CHIP 47MF 6.3V
C519	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C577	AD00622R	CAPACITOR EL CHIP 47MF 6.3V
C520	0893126R	CAPACITOR CHIP 100PF +-5% 50V	C578	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C521	0893129R	CAPACITOR CHIP 180PF +-5% 50V	C579	AD00638R	CAPACITOR EL CHIP 4.7MF 35V
C522	AD00632R	CAPACITOR EL CHIP 47MF 16V	C580	AD00661R	CAPACITOR EL CHIP 220MF 6.3V
C523	AD00632R	CAPACITOR EL CHIP 47MF 16V	C581	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C524	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C582	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C525	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C583	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C526	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C584	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C527	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C585	0893111R	CAPACITOR CHIP 8PF +-0.25% 50V
C528	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C587	AA01121R	CAPACITOR CHIP 0.47MF +-10% 10V
C529	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C588	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C530	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C589	AA01101R	CAPACITOR CHIP 1MF +-10% 10V
C531	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C590	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C532	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C591	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C533	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C592	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V
C534	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C593	0893217R	CAPACITOR CHIP 4700PF +-10% 50V
C535	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A0	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C536	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A1	AD00632R	CAPACITOR EL CHIP 47MF 16V
C537	AD00629R	CAPACITOR EL CHIP 10MF 16V	C5A2	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C538	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A3	AD00658R	CAPACITOR EL CHIP 100MF 50V
C539	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A4	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C540	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A5	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C541	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A6	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C542	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A7	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C543	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5A9	AD00629R	CAPACITOR EL CHIP 10MF 16V
C544	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5C0	AD00623R	CAPACITOR EL CHIP 100MF 6.3V
C545	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5E0	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C546	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5E1	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C547	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C5E2	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C548	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C601	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C549	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C602	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C550	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C603	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C551	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C604	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C552	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C605	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C553	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C606	AD00658R	CAPACITOR EL CHIP 100MF 50V
C554	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C607	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C555	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C608	AD00658R	CAPACITOR EL CHIP 100MF 50V
C556	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C609	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C557	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C610	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C558	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C611	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C559	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C612	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C560	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C613	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C561	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C614	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C562	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C615	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C563	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C616	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C564	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C617	AD00658R	CAPACITOR EL CHIP 100MF 50V
C565	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C618	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C566	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C619	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C567	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C620	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C568	AD00632R	CAPACITOR EL CHIP 47MF 16V	C621	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C569	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C622	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C570	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C623	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C571	0893133R	CAPACITOR CHIP 330PF +-5% 50V	C624	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V


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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C625	0893213R	CAPACITOR CHIP 2200PF 50V	CN17	0893208R	CAPACITOR CHIP 1000PF +-10% 50V
C626	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	CN18	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C627	AD00658R	CAPACITOR EL CHIP 100MF 50V	CN19	AD00631R	CAPACITOR EL CHIP 22MF 16V
C628	0893114R	CAPACITOR CHIP 12PF +-5% 50V	CN20	AA00941R	CAPACITOR CHIP 4.7MF +80% -20% 10V
C629	AD00658R	CAPACITOR EL CHIP 100MF 50V	CN21	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V
C630	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	CN22	AA01111R	CAPACITOR CHIP 1MF +-10% 6.3V
C631	0893213R	CAPACITOR CHIP 2200PF 50V	CN23	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C632	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V	CN24	AA00941R	CAPACITOR CHIP 4.7MF +80% -20% 10V
C633	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	CR01	AD00632R	CAPACITOR EL CHIP 47MF 16V
C634	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR02	AD00632R	CAPACITOR EL CHIP 47MF 16V
C635	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR03	AD00658R	CAPACITOR EL CHIP 100MF 50V
C636	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR04	AD00658R	CAPACITOR EL CHIP 100MF 50V
C637	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR05	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C638	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR06	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C639	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR07	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C641	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CR08	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C642	AD00629R	CAPACITOR EL CHIP 10MF 16V	CS01	0890035M	CAPACITOR CD 1000PF +-10% 50V
C643	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CS02	0890035M	CAPACITOR CD 1000PF +-10% 50V
C644	AA00966R	CAPACITOR CHIP 4.7MF +-20% 3.6V	CS03	0890035M	CAPACITOR CD 1000PF +-10% 50V
C645	AD00631R	CAPACITOR EL CHIP 22MF 16V	CS04	0890035M	CAPACITOR CD 1000PF +-10% 50V
C646	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CT01	AD00629R	CAPACITOR EL CHIP 10MF 16V
C647	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CT02	0893131R	CAPACITOR CHIP 220PF +-5% 50V
C648	AD00632R	CAPACITOR EL CHIP 47MF 16V	CT03	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C649	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	CT04	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C653	AA00753R	CAPACITOR CHIP 22MF +-20% 6.3V	CT05	0893133R	CAPACITOR CHIP 330PF +-5% 50V
C654	AA00699R	CAPACITOR CHIP 10MF +-10% 16V	CT06	0893123R	CAPACITOR CHIP 56PF +-5% 50V
C655	AA00699R	CAPACITOR CHIP 10MF +-10% 16V	CT07	0893123R	CAPACITOR CHIP 56PF +-5% 50V
C656	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	CT12	AD00622R	CAPACITOR EL CHIP 47MF 6.3V
C657	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	CT13	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C658	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	CT14	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C659	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	CT15	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C660	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	CT16	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C901A	AN02087S	CAPACITOR 0.47MF +-10% 250V	CT20	AA00966R	CAPACITOR CHIP 4.7MF +-20% 3.6V
C902	AN02085S	CAPACITOR 0.22MF +-10% 250V	CT21	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
CC01	0893208R	CAPACITOR CHIP 1000PF +-10% 50V	D001P	CH01042M	DI RK34
CC02	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	D002P	CH01042M	DI RK34
CC03	0893208R	CAPACITOR CHIP 1000PF +-10% 50V	D003P	CH01042S	DI SD-RK34 LF-B4
CC04	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	D004P	CH01042S	DI SD-RK34 LF-B4
CC06	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	D007P	CH01042S	DI SD-RK34 LF-B4
CC07	0893116R	CAPACITOR CHIP 18PF +-5% 50V	D008P	CH01042S	DI SD-RK34 LF-B4
CC08	0893119R	CAPACITOR, CHIP 33PF +-5% 50V	D009P	CH01042M	DI RK34
CLP1	AA01123R	CAPACITOR CHIP 1MF +-10% 10V	D101	CC02389R	DI ZENER LUDZ TE-17 15B
CN01	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D102	CC02389R	DI ZENER LUDZ TE-17 15B
CN02	0893126R	CAPACITOR CHIP 100PF +-5% 50V	D103	CC02389R	DI ZENER LUDZ TE-17 15B
CN03	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D104	CC02389R	DI ZENER LUDZ TE-17 15B
CN04	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D201	CC01891R	DI CHIP SDS511 PF
CN05	AD00632R	CAPACITOR EL CHIP 47MF 16V	D201P	CH01033F	DI RK46(LF015-302)
CN06	0893122R	CAPACITOR CHIP 47PF +-5% 50V	D202	CC01891R	DI CHIP SDS511 PF
CN07	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D202P	CH01033F	DI RK46(LF015-302)
CN08	AD00661R	CAPACITOR EL CHIP 220MF 6.3V	D203	CC02003R	DI ZENER CHIP UZSTE-175.6B
CN09	0893102R	CAPACITOR CHIP 1PF +-0.25PF 50V	D2R2	CC01891R	DI CHIP SDS511 PF
CN10	0893102R	CAPACITOR CHIP 1PF +-0.25PF 50V	D2R3	CC01891R	DI CHIP SDS511 PF
CN11	0893102R	CAPACITOR CHIP 1PF +-0.25PF 50V	D2R4	CC01891R	DI CHIP SDS511 PF
CN14	AD00621R	CAPACITOR EL CHIP 22MF 6.3V	D2R5	CC01891R	DI CHIP SDS511 PF
CN15	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D301	CC02002R	DI ZENER CHIP UZSTE-175.1B
CN16	0893208R	CAPACITOR CHIP 1000PF +-10% 50V	D302	CC01891R	DI CHIP SDS511 PF

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
D303	CC01891R	DI CHIP SDS511 PF	IC002P	CP08521F	IC SI-3011ZF
D401	CC01891R	DI CHIP SDS511 PF	IC003P	CP06541F	IC SI-3033C
D402	CC01891R	DI CHIP SDS511 PF	IC201P	CP03921F	IC SI-8033S
D404	CC01891R	DI CHIP SDS511 PF	IC202P	CP03922F	IC SI-805S
D405	CC01891R	DI CHIP SDS511 PF	IC203P	CP06543F	IC SI-3090C
D406	CC01891R	DI CHIP SDS511 PF	ICC1	CK52581R	IC MAX4790EUS
D407	CC01891R	DI CHIP SDS511 PF	ICC2	CK38325R	IC SN74LVC1G17DCKR
D408	CC01891R	DI CHIP SDS511 PF	IN01	CK37711U	IC MSP3455G
DLP1	CC02061R	LED CHIP SML-020MLT	IR01	CK38377R	IC SI-3090KM-TL
DN02	CC02007R	DI ZENER UDZSTE-178.2B	IR02	CK37194R	IC SI-3050LSA-TL
DN03	CC02007R	DI ZENER UDZSTE-178.2B	IT01	CK50562U	IC SAA5361HLM/1/1651
DR01	CC02374R	DI ZENER LUDZ TE-17 3.9B	IT02	CK53053R	IC S-24CS04A
E001	EF25101C	CONNECTOR 14P L=970	IT03	CK50741U	IC M5M5V108DKV-70HI
E002	EF25102C	CONNECTOR 15P L=1100	IT04	CK39402R	IC PI3B3253L
E003	EF25131C	CONNECTOR 14P L=570	J201	ES00631	JACK
E004	EF25133C	CONNECTOR 15P L=350	J202	EQ00841	JACK 7P
E005	EF25105C	CONNECTOR	JCC1	EY01771R	SOCKET MEMORY CARD
E01	EV02091	POWER CORD	JDS1	EQ00851	JACK 9P
E901	EP00341	INLET (AC INLET)	JNJ1	EU01352	JACK 3P
E902	EF23854	CONNECTOR 2P L=180	JNJ2	ER00591	JACK STEREO MINI
E903	EF23842	LEAD WIRE FASTEN TERMINAL AND CIRCLE TERMINAL	JSW1	EA02231R	SOCKET 8P
ECN64	EF21622	CONNECTOR 10P L=230	K201P	2784381A	TAPED JUMP.WIRE 0.60MM
ECN69	2908838S	CONNECTOR 9P L=200	K202P	2784381A	TAPED JUMP.WIRE 0.60MM
EFE1	EK01861	CONNECTOR 1P L=50	K203P	2784381A	TAPED JUMP.WIRE 0.60MM
EFE2	2979173	PLAG PIN MIN 1P L=160	K303P	2784381A	TAPED JUMP.WIRE 0.60MM
EFM1	EK01777	CONNECTOR FFC 80P L=180	K501P	2784381A	TAPED JUMP.WIRE 0.60MM
EPU1	EF22385	CONNECTOR 6P L=180	K502P	2784381A	TAPED JUMP.WIRE 0.60MM
ESW	EF24712	CONNECTOR 8P L=350	K503P	2784381A	TAPED JUMP.WIRE 0.60MM
 F902	FN00439	FUSE HT 250V 6.3A 5.2X20MM	K504P	2784381A	TAPED JUMP.WIRE 0.60MM
HLP1	CZ01091	IC GP1UA261XK	K505P	2784381A	TAPED JUMP.WIRE 0.60MM
I101	CK38376R	IC SI-3050KM-TL	K506P	2784381A	TAPED JUMP.WIRE 0.60MM
I103	CK37216R	IC TK11133CSCL	K508P	2784381A	TAPED JUMP.WIRE 0.60MM
I201	CK30941U	IC CXA2069Q	K509P	2784381A	TAPED JUMP.WIRE 0.60MM
I202	CK31031R	IC BA3530FS	K510P	2784381A	TAPED JUMP.WIRE 0.60MM
I203	CK16272R	IC BU4052BCFV-E2	K511P	2784381A	TAPED JUMP.WIRE 0.60MM
I204	CK06121R	IC MM1231XFBF	K513P	2784381A	TAPED JUMP.WIRE 0.60MM
I301	CK50461R	IC BA6287F-E2	K514P	2784381A	TAPED JUMP.WIRE 0.60MM
I350	CK50027R	IC MAX202IPWR	K515P	2784381A	TAPED JUMP.WIRE 0.60MM
I401	CK50471R	IC TAS5122DCA	K517P	2784381A	TAPED JUMP.WIRE 0.60MM
I402	CK07141R	IC BA4558F-E2	K521P	2784381A	TAPED JUMP.WIRE 0.60MM
I403	CK07141R	IC BA4558F-E2	K522P	2784381A	TAPED JUMP.WIRE 0.60MM
I404	CK51361R	IC TAS5508PAG	K523P	2784381A	TAPED JUMP.WIRE 0.60MM
I405	CK51351R	IC TAS3103DBT	K524P	2784381A	TAPED JUMP.WIRE 0.60MM
I406	CK34401R	IC SN74LV14APWR	K525P	2784381A	TAPED JUMP.WIRE 0.60MM
I409	CK50961R	IC SN74CB3T3306DCUR	K526P	2784381A	TAPED JUMP.WIRE 0.60MM
I501	CK52921U	IC UPD64015	K527P	2784381A	TAPED JUMP.WIRE 0.60MM
I502	CK51741U	IC EDS1616AGTA-6B-E	K528P	2784381A	TAPED JUMP.WIRE 0.60MM
I503	CK38443R	IC BD5227G	K529P	2784381A	TAPED JUMP.WIRE 0.60MM
I504	CK34953U	IC TB1274BFG	K530P	2784381A	TAPED JUMP.WIRE 0.60MM
I505	CK37193R	IC SI-3033LSA-TL	K531P	2784381A	TAPED JUMP.WIRE 0.60MM
I506	CK37219R	IC TK11115CSCL-G	K532P	2784381A	TAPED JUMP.WIRE 0.60MM
I601	CK50553U	IC TA1391AFG #1.2	K533P	2784381A	TAPED JUMP.WIRE 0.60MM
I602	CK34991R	IC SN74ACT14PWR	K535P	2784381A	TAPED JUMP.WIRE 0.60MM
I603	CK37406R	IC SI-3012KS-TL	K536P	2784381A	TAPED JUMP.WIRE 0.60MM
I604	CK37396R	IC SI-3012LU	K538P	2784381A	TAPED JUMP.WIRE 0.60MM
IC001P	CP08581U	IC MC33063A	K539P	2784381A	TAPED JUMP.WIRE 0.60MM

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
K540P	2784381A	TAPED JUMP.WIRE 0.60MM	LN01	BA00714R	COIL CHIP 100UH
K544P	2784381A	TAPED JUMP.WIRE 0.60MM	LN02	BA00712R	COIL CHIP 47UH
K548P	2784381A	TAPED JUMP.WIRE 0.60MM	LN03	BA00712R	COIL CHIP 47UH
KD10P	2784381A	TAPED JUMP.WIRE 0.60MM	LT02	BA00714R	COIL CHIP 100UH
KI01P	2784381A	TAPED JUMP.WIRE 0.60MM	LT03	BA00712R	COIL CHIP 47UH
KL31P	2784381A	TAPED JUMP.WIRE 0.60MM	LVDS	EW08551	LVDS CABLE L=1000
KL32P	2784381A	TAPED JUMP.WIRE 0.60MM	N01	QR65401	USER'S MANUAL 1
KS01	2784381A	TAPED JUMP.WIRE 0.60MM	N02	QR65411	USER'S MANUAL 2
KS02	2784381A	TAPED JUMP.WIRE 0.60MM	NF902	2721351	FUSE HOLDER
KS03	2784381A	TAPED JUMP.WIRE 0.60MM	NVS1	2169511	FERRITE CORE
KS04	2784381A	TAPED JUMP.WIRE 0.60MM	NVS2	GX00666	FERRITE CORE
KS05	2784381A	TAPED JUMP.WIRE 0.60MM	NVS3	GX00666	FERRITE CORE
KS06	2784381A	TAPED JUMP.WIRE 0.60MM	NVS4	GX00666	FERRITE CORE
L001P	BH01776	COIL 150UH	NVS5	GX00666	FERRITE CORE
L101	BA00714R	COIL CHIP 100UH	NVS6	GX00666	FERRITE CORE
L102	BA02254R	INDUCTOR CHIP 47MH	NVS7	2169511	FERRITE CORE
L103	BA02254R	INDUCTOR CHIP 47MH	NVS8	2169515	COIL(Noise Filter)
L104	BA00714R	COIL CHIP 100UH	P901	EF20062	LEAD WIRE AMP IN AND CIRCLE TERMINAL
L201P	BV01171	COIL SF 110UH	PCS1	EA02334R	CONNECTOR 14P
L202P	BV01171	COIL SF 110UH	PMSI	EA02183R	PLUG 13P
L211	BA00892R	COIL CHIP 47UH +-20% 150MA	PPU2	ED02801	PLUG 2P
L212	BA00892R	COIL CHIP 47UH +-20% 150MA	PSW	ED02811	PLUG 8P
L213	BA00892R	COIL CHIP 47UH +-20% 150MA	Q101	CA02142R	TR CHIP 2SC5343UFG PF
L214	BA00892R	COIL CHIP 47UH +-20% 150MA	Q102	CA02142R	TR CHIP 2SC5343UFG PF
L215	BA00892R	COIL CHIP 47UH +-20% 150MA	Q103	CA02142R	TR CHIP 2SC5343UFG PF
L216	BA00864R	COIL CHIP 10UH	Q104	CA02142R	TR CHIP 2SC5343UFG PF
L219	BA00864R	COIL CHIP 10UH	Q201	CA02142R	TR CHIP 2SC5343UFG PF
L221	BA00892R	COIL CHIP 47UH +-20% 150MA	Q202	CA02142R	TR CHIP 2SC5343UFG PF
L222	BA00892R	COIL CHIP 47UH +-20% 150MA	Q203	CA02142R	TR CHIP 2SC5343UFG PF
L301	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	Q204	CA02142R	TR CHIP 2SC5343UFG PF
L350	BA00892R	COIL CHIP 47UH +-20% 150MA	Q205	2320663	TR 2SC1213AC
L401	BA02271R	INDUCTOR CHIP 10MH	Q206	CA00142R	TR CHIP IMX2T108(T)
L402	BA02271R	INDUCTOR CHIP 10MH	Q207	CA02142R	TR CHIP 2SC5343UFG PF
L405	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	Q208	CA00331R	TR CHIP IMZ1A T108(T)
L406	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	Q209	CA00331R	TR CHIP IMZ1A T108(T)
L407	BA00892R	COIL CHIP 47UH +-20% 150MA	Q210	CA02132R	TR CHIP 2SA1980UFG PF
L409	BA00892R	COIL CHIP 47UH +-20% 150MA	Q211	CA00983R	TR CHIP DTC144EE TL
L501	BA00892R	COIL CHIP 47UH +-20% 150MA	Q212	CA00981R	TR CHIP DTC114EE TL
L502	BA00892R	COIL CHIP 47UH +-20% 150MA	Q213	CA00981R	TR CHIP DTC114EE TL
L503	BA00892R	COIL CHIP 47UH +-20% 150MA	Q214	CA00331R	TR CHIP IMZ1A T108(T)
L504	BA00892R	COIL CHIP 47UH +-20% 150MA	Q215	CA02132R	TR CHIP 2SA1980UFG PF
L505	BA00892R	COIL CHIP 47UH +-20% 150MA	Q216	CA02132R	TR CHIP 2SA1980UFG PF
L506	BA00892R	COIL CHIP 47UH +-20% 150MA	Q217	CA00331R	TR CHIP IMZ1A T108(T)
L507	BA00892R	COIL CHIP 47UH +-20% 150MA	Q218	CA00331R	TR CHIP IMZ1A T108(T)
L508	BA00894R	COIL CHIP 100MH 100MA	Q219	CA00331R	TR CHIP IMZ1A T108(T)
L509	BA02254R	INDUCTOR CHIP 47MH	Q2R0	CA02132R	TR CHIP 2SA1980UFG PF
L510	BA00892R	COIL CHIP 47UH +-20% 150MA	Q2R1	CA00983R	TR CHIP DTC144EE TL
L601	BA00892R	COIL CHIP 47UH +-20% 150MA	Q301	2316244R	TR CHIP 2SC4081 T106 R
L602	BA00892R	COIL CHIP 47UH +-20% 150MA	Q302	1323294R	TR CHIP 2SA1774 TL (R/S)
L603	BA00892R	COIL CHIP 47UH +-20% 150MA	Q303	CA00983R	TR CHIP DTC144EE TL
L604	BA00892R	COIL CHIP 47UH +-20% 150MA	Q402	CA02092R	TR CHIP SRC1202EF
L605	BA00892R	COIL CHIP 47UH +-20% 150MA	Q404	CA02092R	TR CHIP SRC1202EF
L606	BA00892R	COIL CHIP 47UH +-20% 150MA	Q405	CA02092R	TR CHIP SRC1202EF
L607	BA00894R	COIL CHIP 100MH 100MA	Q406	CA00771R	TR CHIP DTC323TKT146
L608	BA00892R	COIL CHIP 47UH +-20% 150MA	Q407	CA02091R	TR SRC1204EF PF
LLP1	BA10986R	COIL CHIP 47MH	Q408	CA02091R	TR SRC1204EF PF

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
Q409	CA02092R	TR CHIP SRC1202EF	R113	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q410	CA11254R	TR DTA114YKA	R114	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q411	CA02092R	TR CHIP SRC1202EF	R115	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q412	CA11254R	TR DTA114YKA	R116	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q413	CA02092R	TR CHIP SRC1202EF	R117	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q511	CA00331R	TR CHIP IMZ1A T108(T)	R118	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q512	CA00331R	TR CHIP IMZ1A T108(T)	R119	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q513	CA00331R	TR CHIP IMZ1A T108(T)	R120	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
Q515	CA02132R	TR CHIP 2SA1980UFG PF	R121	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
Q516	CA02132R	TR CHIP 2SA1980UFG PF	R126	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W
Q517	CA02132R	TR CHIP 2SA1980UFG PF	R127	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W
Q519	CA02142R	TR CHIP 2SC5343UFG PF	R128	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q520	CA02132R	TR CHIP 2SA1980UFG PF	R129	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q521	CA02132R	TR CHIP 2SA1980UFG PF	R130	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q522	CA02132R	TR CHIP 2SA1980UFG PF	R132	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q530	CA01011R	TR CHIP 2SK3018 T106	R135	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q531	CA01011R	TR CHIP 2SK3018 T106	R170	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q601	CA02142R	TR CHIP 2SC5343UFG PF	R1A0	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q602	CA02142R	TR CHIP 2SC5343UFG PF	R1A2	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
Q603	CA02142R	TR CHIP 2SC5343UFG PF	R201	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
Q604	CA02142R	TR CHIP 2SC5343UFG PF	R201P	0100048	CF 200 OHM $\pm 5\%$ 1/8W
Q605	CA02142R	TR CHIP 2SC5343UFG PF	R202	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
Q606	CA02142R	TR CHIP 2SC5343UFG PF	R202P	0100063	CF 820 OHM $\pm 5\%$ 1/8W
QN01	CA02142R	TR CHIP 2SC5343UFG PF	R203	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
QN02	CA02142R	TR CHIP 2SC5343UFG PF	R203P	0100046M	CF 160OHM $\pm 5\%$ 1/8W
QN03	CA00981R	TR CHIP DTC114EE TL	R204	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
QR01	CA02142R	TR CHIP 2SC5343UFG PF	R204P	0100067	CF 1.2K OHM $\pm 5\%$ 1/8W
QS01	2326873R	TR DTC144EF	R205	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
QT01	CA02142R	TR CHIP 2SC5343UFG PF	R205P	0100048	CF 200 OHM $\pm 5\%$ 1/8W
QT02	CA02132R	TR CHIP 2SA1980UFG PF	R206	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
QT03	CA00331R	TR CHIP IMZ1A T108(T)	R206P	0100073	CF 2.2K OHM $\pm 5\%$ 1/8W
QT04	CA00331R	TR CHIP IMZ1A T108(T)	R207	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
QT05	CA00331R	TR CHIP IMZ1A T108(T)	R208	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
QT06	CA02132R	TR CHIP 2SA1980UFG PF	R209	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
QT07	CA02142R	TR CHIP 2SC5343UFG PF	R210	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
QT08	CA00981R	TR CHIP DTC114EE TL	R211	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R002P	0100047	CF 180 OHM $\pm 5\%$ 1/8W	R212	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R003P	0119642	MG 30K OHM $\pm 1\%$ 1/8W	R214	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R004P	0119609	MF 1.2 KOHM $\pm 1\%$ 1/8W	R216	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R005P	0100041	CF 100 OHM $\pm 5\%$ 1/8W	R217	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R006P	0100041	CF 100 OHM $\pm 5\%$ 1/8W	R218	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R007P	0100085	CF 6.8K OHM $\pm 5\%$ 1/8W	R219	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R008P	0100089	CF 10K OHM $\pm 5\%$ 1/8W (HCPS)	R220	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R009P	0100089	CF 10K OHM $\pm 5\%$ 1/8W (HCPS)	R221	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R013P	AT03175S	RESISTOR 0.33 OHM $\pm 5\%$ 1W	R222	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R101	AQ00192R	CHIP RESISTOR 820 OHM $\pm 1\%$ 1/16W	R223	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R102	AQ00192R	CHIP RESISTOR 820 OHM $\pm 1\%$ 1/16W	R224	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R103	AQ00192R	CHIP RESISTOR 820 OHM $\pm 1\%$ 1/16W	R225	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R104	AQ00192R	CHIP RESISTOR 820 OHM $\pm 1\%$ 1/16W	R226	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R105	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R227	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R107	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R228	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R108	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R229	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R109	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W	R230	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R110	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W	R231	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R111	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R232	0790036R	RESISTOR CHIP 820 OHM $\pm 5\%$ 1/16W
R112	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R233	0790036R	RESISTOR CHIP 820 OHM $\pm 5\%$ 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R234	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R292	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R236	0790036R	RESISTOR CHIP 820 OHM $\pm 5\%$ 1/16W	R293	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R238	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R294	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R239	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R295	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R240	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R296	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R241	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R297	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R242	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R298	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R243	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R299	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R244	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2A0	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R245	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2A1	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R246	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2A2	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R247	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2A3	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R248	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2A4	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R249	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2A5	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R250	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2A6	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R251	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2A7	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R252	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2A8	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R253	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2A9	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R254	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2C0	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R255	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2C2	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R256	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2C4	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R257	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2C5	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W
R258	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2C6	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W
R259	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2C7	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W
R260	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2C8	AQ00024R	RES. CHIP 100 OHM $\pm 5\%$ 1/16W (4 GANGED)
R261	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2C9	AQ00024R	RES. CHIP 100 OHM $\pm 5\%$ 1/16W (4 GANGED)
R262	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2E0	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R263	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2E1	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R264	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2E2	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R265	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2E3	0790034R	RESISTOR CHIP 560 OHM $\pm 5\%$ 1/16W
R266	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2E4	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R267	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R2E5	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R268	AQ00164R	RESISTOR CHIP 75 OHM $\pm 1\%$ 1/16W	R2E6	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W
R269	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R2E7	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W
R270	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R2E8	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R271	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	R2E9	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R272	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	R2F0	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R273	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	R2F1	0790066R	RESISTOR CHIP 150K OHM $\pm 5\%$ 1/16W
R274	0790069R	RESISTOR CHIP 270K OHM $\pm 5\%$ 1/16W	R2F2	0790066R	RESISTOR CHIP 150K OHM $\pm 5\%$ 1/16W
R275	0790057R	RESISTOR CHIP 33K OHM $\pm 5\%$ 1/16W	R2F5	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R276	0790062R	RESISTOR CHIP 68K OHM $\pm 5\%$ 1/16W	R2F6	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W
R277	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R2F7	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W
R278	0790038R	RESISTOR CHIP 1.2K OHM $\pm 5\%$ 1/16W	R2F8	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W
R279	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R2F9	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R280	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	R2G0	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R281	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R2G1	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R282	0790074R	RESISTOR CHIP 560K OHM $\pm 5\%$ 1/16W	R2G2	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R283	0790057R	RESISTOR CHIP 33K OHM $\pm 5\%$ 1/16W	R2G3	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R284	0790062R	RESISTOR CHIP 68K OHM $\pm 5\%$ 1/16W	R2G4	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W
R285	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R2G5	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R286	0790038R	RESISTOR CHIP 1.2K OHM $\pm 5\%$ 1/16W	R2G6	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R287	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R2G7	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R288	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	R2G8	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R289	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R2G9	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R290	0790074R	RESISTOR CHIP 560K OHM $\pm 5\%$ 1/16W	R2H1	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R291	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R2H2	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W

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R2H5	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R408	AQ00511R	RES. 4 JOINED CHIP 10 OHM +5% 1/16W
R2H7	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R409	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R2H9	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R410	0790055R	RESISTOR CHIP 22K OHM +5% 1/16W
R2J0	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R411	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J1	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R413	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J2	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R414	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J3	AQ00167R	RESISTOR, CHIP 100 OHM +1% 1/16W	R415	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J4	AQ00179R	RESISTOR CHIP 300 OHM +1% 1/16W	R416	0790042R	RESISTOR CHIP 2.2K OHM +5% 1/16W
R2J5	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R417	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J6	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R419	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J7	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R421	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J8	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R422	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2J9	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R423	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2K0	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R424	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2K2	AQ00169R	RESISTOR CHIP 120 OHM +1% 1/16W	R425	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2K3	AQ00175R	RESISTOR CHIP 200 OHM +1% 1/16W	R426	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2K4	AQ00175R	RESISTOR CHIP 200 OHM +1% 1/16W	R427	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2K6	AQ00169R	RESISTOR CHIP 120 OHM +1% 1/16W	R428	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2K7	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R429	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2K8	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R430	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2K9	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R431	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2L0	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R432	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2L1	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R433	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2L2	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R434	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2M0	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R435	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2M1	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R436	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2R0	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R437	0790043R	RESISTOR CHIP 2.7K OHM +5% 1/16W
R2R2	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R438	0790043R	RESISTOR CHIP 2.7K OHM +5% 1/16W
R2R3	0790061R	RESISTOR CHIP 56K OHM +5% 1/16W	R439	0790043R	RESISTOR CHIP 2.7K OHM +5% 1/16W
R2R4	0790042R	RESISTOR CHIP 2.2K OHM +5% 1/16W	R440	0790043R	RESISTOR CHIP 2.7K OHM +5% 1/16W
R2R5	0790075R	RESISTOR CHIP 680K OHM +5% 1/16W	R441	0790038R	RESISTOR CHIP 1.2K OHM +5% 1/16W
R2R6	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R442	0790038R	RESISTOR CHIP 1.2K OHM +5% 1/16W
R301	0790077R	RESISTOR CHIP 1M OHM +5% 1/16W	R443	0790038R	RESISTOR CHIP 1.2K OHM +5% 1/16W
R302	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R444	AQ00175R	RESISTOR CHIP 200 OHM +1% 1/16W
R303	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R445	AQ00175R	RESISTOR CHIP 200 OHM +1% 1/16W
R305	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R446	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R306	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R447	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R309	AQ01938R	RESISTOR CHIP 1.5 OHM +5% 1W	R448	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R310	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R449	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R311	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R450	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R312	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R451	AQ00221R	RESISTOR CHIP 10K OHM +1% 1/16W
R313	AQ01954R	RESISTOR CHIP 5.3 OHM +5% 1W	R452	AQ00221R	RESISTOR CHIP 10K OHM +1% 1/16W
R314	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R453	0790046R	RESISTOR CHIP 4.7K OHM +5% 1/16W
R352	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R454	0790046R	RESISTOR CHIP 4.7K OHM +5% 1/16W
R353	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R456	0790077R	RESISTOR CHIP 1M OHM +5% 1/16W
R354	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R457	0790042R	RESISTOR CHIP 2.2K OHM +5% 1/16W
R355	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R458	0790042R	RESISTOR CHIP 2.2K OHM +5% 1/16W
R356	0790033R	RESISTOR CHIP 470 OHM +5% 1/16W	R460	0790042R	RESISTOR CHIP 2.2K OHM +5% 1/16W
R357	0790033R	RESISTOR CHIP 470 OHM +5% 1/16W	R461	0790064R	RESISTOR CHIP 100K OHM +5% 1/16W
R401	0790002R	RESISTOR CHIP 2.2 OHM +5% 1/16W	R462	0790019R	RESISTOR CHIP 47 OHM +5% 1/16W
R402	0790002R	RESISTOR CHIP 2.2 OHM +5% 1/16W	R463	0790044R	RESISTOR CHIP 3.3K OHM +5% 1/16W
R403	0790002R	RESISTOR CHIP 2.2 OHM +5% 1/16W	R465	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R404	0790002R	RESISTOR CHIP 2.2 OHM +5% 1/16W	R468	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R405	AQ00511R	RES. 4 JOINED CHIP 10 OHM +5% 1/16W	R469	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R406	AQ00511R	RES. 4 JOINED CHIP 10 OHM +5% 1/16W	R470	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R407	AQ00511R	RES. 4 JOINED CHIP 10 OHM +5% 1/16W	R476	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R477	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R532	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R478	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R533	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W
R479	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R534	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W
R480	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R535	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R481	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R536	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W
R482	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	R537	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R483	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	R538	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W
R484	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W	R539	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W
R485	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W	R540	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R486	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W	R541	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W
R487	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R542	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R488	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W	R544	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W
R489	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W	R545	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R490	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W	R546	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R491	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R547	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W
R492	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R548	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R493	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R549	0790036R	RESISTOR CHIP 820 OHM $\pm 5\%$ 1/16W
R494	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R550	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R495	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	R551	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R496	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R552	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R497	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R553	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R498	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W	R554	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R499	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R555	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R4A0	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R556	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R4A1	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R557	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R4A2	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W	R558	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R4A3	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R559	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R501	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R560	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R502	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R561	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R503	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R563	AQ00232R	RESISTOR CHIP 27K OHM $\pm 1\%$ 1/16W
R504	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R564	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R505	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R565	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R506	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R566	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R507	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R567	AQ00206R	RESISTOR CHIP 3K OHM $\pm 1\%$ 1/16W
R508	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R571	0196050R	RESISTOR,CHIP 200 OHM $\pm 5\%$ 1/16W
R509	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)	R572	0196050R	RESISTOR,CHIP 200 OHM $\pm 5\%$ 1/16W
R510	0790022R	RESISTOR,CHIP 68 OHM $\pm 5\%$ 1/16W	R573	0196050R	RESISTOR,CHIP 200 OHM $\pm 5\%$ 1/16W
R511	0790022R	RESISTOR,CHIP 68 OHM $\pm 5\%$ 1/16W	R590	AQ00782R	RESISTOR CHIP 1K OHM $\pm 1\%$ 1/16W
R512	0790022R	RESISTOR,CHIP 68 OHM $\pm 5\%$ 1/16W	R591	AQ00755R	RESISTOR CHIP 100 OHM $\pm 1\%$ 1/16W
R513	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R592	AQ00791R	RESISTOR CHIP 2.2K OHM $\pm 1\%$ 1/16W
R514	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R5A1	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R515	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R5A2	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R516	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R5D0	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R517	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R5D1	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R519	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R5D2	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R520	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R5D3	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R521	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R5D4	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R522	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	R5D5	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R523	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R5E5	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R524	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R5E6	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R526	AQ00188R	RESISTOR CHIP 620 OHM $\pm 1\%$ 1/16W	R5E7	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R527	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R5G0	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R528	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	R5G1	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R529	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	R601	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R530	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R602	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R531	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W	R603	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R604	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R660	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W
R605	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R661	0790018R	RESISTOR CHIP 39 OHM +-5% 1/16W
R606	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R662	0790018R	RESISTOR CHIP 39 OHM +-5% 1/16W
R607	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R663	0790018R	RESISTOR CHIP 39 OHM +-5% 1/16W
R608	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R665	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R609	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R667	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W
R610	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R668	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W
R611	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R669	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W
R612	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R670	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W
R613	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R672	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R614	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R674	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R615	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	R675	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R616	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R676	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R617	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R677	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R618	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R678	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R619	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R679	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R620	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	R680	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R621	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W	R681	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W
R622	AQ00221R	RESISTOR CHIP 10K OHM +-1% 1/16W	RC01	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R623	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC02	0790043R	RESISTOR CHIP 2.7K OHM +-5% 1/16W
R624	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC03	0790041R	RESISTOR CHIP 1.8K OHM +-5% 1/16W
R625	AQ00221R	RESISTOR CHIP 10K OHM +-1% 1/16W	RC04	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W
R626	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W	RC05	0790036R	RESISTOR CHIP 820 OHM +-5% 1/16W
R627	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC06	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R628	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC07	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R629	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC08	0790063R	RESISTOR CHIP 82K OHM +-5% 1/16W
R630	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC09	0790046R	RESISTOR CHIP 4.7K OHM +-5% 1/16W
R631	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC10	0790019R	RESISTOR CHIP 47 OHM +-5% 1/16W
R632	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	RC11	AQ00383R	RES. CHIP 82K OHM +-5% 1/16W 4 CONNECTED
R633	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	RC12	0790061R	RESISTOR CHIP 56K OHM +-5% 1/16W
R634	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	RC13	0790027R	RESISTOR CHIP 180 OHM +-5% 1/16W
R635	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	RC14	0790063R	RESISTOR CHIP 82K OHM +-5% 1/16W
R636	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	RC16	0790027R	RESISTOR CHIP 180 OHM +-5% 1/16W
R637	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	RC17	0790027R	RESISTOR CHIP 180 OHM +-5% 1/16W
R638	AQ00235R	RESISTOR CHIP 36K OHM +-1% 1/16W	RC18	0790027R	RESISTOR CHIP 180 OHM +-5% 1/16W
R639	AQ00231R	RESISTOR CHIP 24K OHM +-1% 1/16W	RC19	0790028R	RESISTOR CHIP 220 OHM +-5% 1/16W
R640	AQ00247R	RESISTOR CHIP 100K OHM +-1% 1/16W	RC20	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R641	AQ00251R	RESISTOR CHIP 130K OHM +-1% 1/16W	RC21	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W
R642	AQ00231R	RESISTOR CHIP 24K OHM +-1% 1/16W	RC23	0790064R	RESISTOR CHIP 100K OHM +-5% 1/16W
R643	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC24	0790019R	RESISTOR CHIP 47 OHM +-5% 1/16W
R644	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC25	0790027R	RESISTOR CHIP 180 OHM +-5% 1/16W
R645	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RC26	0790027R	RESISTOR CHIP 180 OHM +-5% 1/16W
R646	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W	RC27	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R647	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W	RLP1	AQ00195R	RESISTOR CHIP 1.1K OHM +-1% 1/16W
R648	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W	RLP2	0790044R	RESISTOR CHIP 3.3K OHM +-5% 1/16W
R649	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W	RLP3	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W
R650	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W	RLP4	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W
R651	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W	RLP5	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W
R652	0790018R	RESISTOR CHIP 39 OHM +-5% 1/16W	RN01	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W
R653	0790018R	RESISTOR CHIP 39 OHM +-5% 1/16W	RN02	0790033R	RESISTOR CHIP 470 OHM +-5% 1/16W
R654	0790018R	RESISTOR CHIP 39 OHM +-5% 1/16W	RN03	0790063R	RESISTOR CHIP 82K OHM +-5% 1/16W
R655	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RN04	0790052R	RESISTOR CHIP 12K OHM +-5% 1/16W
R656	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RN05	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W
R657	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	RN06	0790039R	RESISTOR CHIP 1.5K OHM +-5% 1/16W
R658	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W	RN07	0790026R	RESISTOR CHIP 150 OHM +-5% 1/16W
R659	0790032R	RESISTOR CHIP 390 OHM +-5% 1/16W	RN08	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W

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RN09	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT40	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RN10	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT41	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
RN11	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W	RT42	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
RN12	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W	RT43	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RN13	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W	RT44	AQ00185R	RESISTOR CHIP 470 OHM $\pm 1\%$ 1/16W
RN14	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W	RT45	AQ00174R	RESISTOR CHIP 180 OHM $\pm 1\%$ 1/16W
RN15	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	RT46	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RN16	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT47	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
RN17	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	RT48	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RN18	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RT49	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RR01	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	RT50	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RR03	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	RT51	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
RR05	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	RT52	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RR11	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT53	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
RR20	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RT54	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
RS04	0700059	RESISTOR CF 27K OHM $\pm 5\%$ 1/16W	RT55	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W
RS05	0700054M	RESISTOR-CF 10K OHM $\pm 5\%$ 1/16W	RT56	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RS06	0100123	CF 270K OHM $\pm 5\%$ 1/8W	RT57	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RS07	0100123	CF 270K OHM $\pm 5\%$ 1/8W	RT74	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT01	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W	RT75	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT02	0790045R	RESISTOR CHIP 3.9K OHM $\pm 5\%$ 1/16W	RT76	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT03	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT80	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
RT04	0790026R	RESISTOR CHIP 150 OHM $\pm 5\%$ 1/16W	RT81	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT05	0790031R	RESISTOR CHIP 330 OHM $\pm 5\%$ 1/16W	RT82	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT06	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	RT83	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT07	0790031R	RESISTOR CHIP 330 OHM $\pm 5\%$ 1/16W	RT84	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT08	0790031R	RESISTOR CHIP 330 OHM $\pm 5\%$ 1/16W	RT85	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W
RT09	0196102R	RESISTOR CHIP 24K OHM $\pm 5\%$ 1/16W	RT86	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W
RT10	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W	RT87	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT11	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W	RT88	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT12	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT89	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT14	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	RT90	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT15	0790054R	RESISTOR CHIP 18K OHM $\pm 5\%$ 1/16W	RT91	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT16	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	RT92	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT17	0790054R	RESISTOR CHIP 18K OHM $\pm 5\%$ 1/16W	RT93	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RT18	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	\triangle S900	FG00251	POWER SWITCH
RT19	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	SCC1	FB00023R	PUSH SWITCH CHIP
RT20	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	SCC2	FB00023R	PUSH SWITCH CHIP
RT21	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	SCC3	FB00023R	PUSH SWITCH CHIP
RT22	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	SCC4	FB00023R	PUSH SWITCH CHIP
RT23	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	SCC5	FB00023R	PUSH SWITCH CHIP
RT24	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	SCC6	FB00023R	PUSH SWITCH CHIP
RT25	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	SCC7	FB00023R	PUSH SWITCH CHIP
RT26	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	SPB	GM01632	SPEAKER BOTTOM
RT28	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	SPL	GM01623	SPEAKER SIDE LEFT
RT29	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	SPR	GM01624	SPEAKER SIDE RIGHT
RT30	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	SWVL	EW08432	SWIVEL CORD
RT31	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	U001	HL02123	REMOTE CONTROL TRANSMITTER CLE-970
RT32	AQ00185R	RESISTOR CHIP 470 OHM $\pm 1\%$ 1/16W	U1	HA01484	POWER UNIT MPF7415Q
RT33	AQ00174R	RESISTOR CHIP 180 OHM $\pm 1\%$ 1/16W	U101	HC00652	FRONTEND ENGF9306GF
RT34	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	U102	HC00663	FRONTEND ENG39A21GF
RT35	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	U2	CS01001	BRIDGE MEDIA UNIT HCM031 ASS'Y
RT36	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W	USB	EW08456	USB CABLE L=1080
RT37	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	X201	BK00193R	CERAMIC FILTER 100MHZ
RT38	AQ00185R	RESISTOR CHIP 470 OHM $\pm 1\%$ 1/16W	X202	BK00193R	CERAMIC FILTER 100MHZ
RT39	AQ00174R	RESISTOR CHIP 180 OHM $\pm 1\%$ 1/16W	X203	BK00193R	CERAMIC FILTER 100MHZ


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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
X204	BK00193R	CERAMIC FILTER 100MHZ			
X205	BK00193R	CERAMIC FILTER 100MHZ			
X206	BK00193R	CERAMIC FILTER 100MHZ			
X207	BK00191R	CERAMIC FILTER CHIP			
X208	BK00191R	CERAMIC FILTER CHIP			
X209	BK00191R	CERAMIC FILTER CHIP			
X210	BK00191R	CERAMIC FILTER CHIP			
X211	BK00191R	CERAMIC FILTER CHIP			
X212	BK00191R	CERAMIC FILTER CHIP			
X213	BK00191R	CERAMIC FILTER CHIP			
X214	BK00191R	CERAMIC FILTER CHIP			
X215	BK00191R	CERAMIC FILTER CHIP			
X216	BK00191R	CERAMIC FILTER CHIP			
X301	BE00412R	LC FILTER CHIP			
X302	BE00412R	LC FILTER CHIP			
X350	BK00193R	CERAMIC FILTER 100MHZ			
X351	BK00193R	CERAMIC FILTER 100MHZ			
X401	BL01183R	OSCILLATOR CERAMIC 13.5MHZ			
X501	BL00791R	OSCILATOR, CRYSTAL			
X502	BP00891	CRYSTAL OSCILLATOR 16.2MHZ			
X601	BL00611R	CERAMIC RESONATOR 512KHZ			
X602	BL00611R	CERAMIC RESONATOR 512KHZ			
X603	BL01441R	CRYSTAL OSCILLATOR 3.58MHZ			
XN01	BJ00691	HIGH PASS FILTER 4.5MHZ TCV2			
XN02	BP01371	CRYSTAL OSCILLATOR 18.432MHZ 3.5L			
XT01	BP01321	CRYSTAL OSCILLATOR 12MHZ			

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NOTE : This parts list is applied to the products made in Japan.

Parts on FC board are not included on this parts list.

ABBREVIATIONS	Capacitors ······CD: Ceramic Disk, PF: Polyester Film, EL: Electrolytic, PP: Polypropylene, PR: Paper, TA: Tantalum, TM: Trimer.
	Resistors ······CF: Carbon film, WW: Wire Wound, FR: Fuse Resistor, MG: Metal Glazed, VR: Variable resistor, CC: Carbon Composition, MF: Metal Oxide Film.
	Semiconductors ····TR: Transistor, DI: Diode, ZD: Zener Diode, VA: Varistor, TH: Thermistor.


SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
#10	QD51134	BEZEL ASS'Y	#370	MJ03963	SCREW M3X8 PAN HEAD
#101	MJ03963	SCREW M3X8 PAN HEAD	#380	MJ04028	SCREW T2B 3*12 PZ+
#108	MJ03963	SCREW M3X8 PAN HEAD	#384	MJ04028	SCREW T2B 3*12 PZ+
#10A	SG39441	CARTON BOX	#386	MJ03727	SCREW M3D_4*10BD+
#110	MJ03548	3X10 BT-SCREW	#40	SP21752	TOP CUSHION
#116	MJ03743	SCREW 4X8 PAN HEAD	#402	QD51123	BACK COVER
#130	MJ04013	SCREW M3X16	#408	MJ03727	SCREW M3D_4*10BD+
#140	MJ03882	SCREW M3M_4*6PN+SM	#409	MJ04036	SCREW M4X14
#144	MJ03893	M3X10 SCREW 3P W T NE	#410	MJ03989	SCREW M6X12
#150	MF01851	GASKET	#412	ML02111	CABLE CLAMP
#194	MJ03895	4X10 SCREW D3 BIND CP-GRIP	#432	ML02261	CABLE CLAMP
#20	SG38871	TRAY (CARTON BOX)	#434	MJ03989	SCREW M6X12
#202	NA75402	BOTTOM COVER	#50	SP21761	BOTTOM CUSHION
#208	MJ03963	SCREW M3X8 PAN HEAD	#60	MM00181	GRIP JOINT(CARTON BOX)
#210	PC06501	POWER BUTTON ASS'Y	#70	SU03394	LAMI. COVER
#222	MJ03963	SCREW M3X8 PAN HEAD	A-1	TE03061	INVERTER UNIT
#224	MJ03963	SCREW M3X8 PAN HEAD	A11	JP09442	PWB ASS'Y MAIN
#230	MJ03351	SCREW D-SUB	A21	JP09462	PWB ASS'Y SOUND
#232	NA76841	POWER SWITCH METAL	A21	UX25312	PWB ASS'Y FC LCD
#232	NA79351	TERMINAL DOOR	A31	JP09472	PWB ASS'Y SUB POWER
#234	MJ03963	SCREW M3X8 PAN HEAD	C001P	0284457N	EL 330MF 50V
#234	NJ21791	SWITCH SHAFT SUPPORT	C002P	0284404R	EL 100MF 16V
#236	MJ03351	SCREW D-SUB	C004P	0284404R	EL 100MF 16V
#238	MJ03963	SCREW M3X8 PAN HEAD	C007P	0270428R	PP 2200PF +-5% 50V
#238	MJ03963	SCREW M3X8 PAN HEAD	C011P	0270426R	PF 1500PF +-5% 50V
#244	MJ03963	SCREW M3X8 PAN HEAD	C101	0800359R	CAPACITOR EL 1000MF 10V
#246	MJ03646	M3X8 SCREW	C102	0800359R	CAPACITOR EL 1000MF 10V
#252	MF01854	GASKET	C103	0800359R	CAPACITOR EL 1000MF 10V
#252	MJ03963	SCREW M3X8 PAN HEAD	C104	0800359R	CAPACITOR EL 1000MF 10V
#262	MJ03963	SCREW M3X8 PAN HEAD	C105	AD00479R	CAPACITOR EL CHIP 10MF 50V
#276	MJ03963	SCREW M3X8 PAN HEAD	C106	AD00479R	CAPACITOR EL CHIP 10MF 50V
#290	MJ03598	M3X8 SCREW WITH WASHER	C107	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#30	SG38771	CARTON BOX PAD	C108	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#302	MJ03727	SCREW M3D_4*10BD+	C110	0893175R	CAPACITOR CHIP 1000PF +-5% 50V
#310A	PH35834	CONTROL ASS'Y ASIA	C112	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#313	MJ03727	SCREW M3D_4*10BD+	C113	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#3132	MJ03727	SCREW M3D_4*10BD+	C115	AD00479R	CAPACITOR EL CHIP 10MF 50V
#320	MJ03727	SCREW M3D_4*10BD+	C116	AD00479R	CAPACITOR EL CHIP 10MF 50V
#322	MJ03963	SCREW M3X8 PAN HEAD	C118	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#330	PH35846	INPUT ASS'Y FOR ASIA	C119	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#330	QJ01731	SUTAND SUPPORT	C121	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#332	QJ01723	STAND ASS'Y	C122	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
#334	MJ03973	M6X25 BOLT WITH WASHER	C123	AD00622R	CAPACITOR EL CHIP 47MF 6.3V
#336	MJ03973	M6X25 BOLT WITH WASHER	C124	AD00658R	CAPACITOR EL CHIP 100MF 50V
#340	MJ03895	4X10 SCREW D3 BIND CP-GRIP	C127	AD00629R	CAPACITOR EL CHIP 10MF 16V
#342	MJ03963	SCREW M3X8 PAN HEAD	C128	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
#360	MJ03963	SCREW M3X8 PAN HEAD	C129	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
#364	MJ03727	SCREW M3D_4*10BD+	C201	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C202	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C268	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C205	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C269	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C206	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C270	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C209	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C271	AD00421R	CAPACITOR EL CHIP 470MF 6.3V
C210	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C272	AD00421R	CAPACITOR EL CHIP 470MF 6.3V
C213	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C273	AD00658R	CAPACITOR EL CHIP 100MF 50V
C214	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C276	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C217	AD00629R	CAPACITOR EL CHIP 10MF 16V	C277	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C218	AD00629R	CAPACITOR EL CHIP 10MF 16V	C278	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C219	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C279	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C220	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V	C280	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C223	AD00421R	CAPACITOR EL CHIP 470MF 6.3V	C281	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C224	AD00629R	CAPACITOR EL CHIP 10MF 16V	C282	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C225	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C283	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C226	AD00629R	CAPACITOR EL CHIP 10MF 16V	C284	AD00629R	CAPACITOR EL CHIP 10MF 16V
C227	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C286	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C228	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C287	AD00632R	CAPACITOR EL CHIP 47MF 16V
C229	AD00629R	CAPACITOR EL CHIP 10MF 16V	C288	AD00632R	CAPACITOR EL CHIP 47MF 16V
C230	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C289	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C231	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C290	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C232	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C291	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C233	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C292	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C234	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C293	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C235	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C294	AA00931R	CAPACITOR CHIP 1MF +-10% 10V
C236	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C295	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C237	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C2A0	AA00822R	CAPACITOR CHIP 1000PF +-5% 50V
C238	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C2R0	AA00699R	CAPACITOR CHIP 10MF +-10% 16V
C239	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C2R1	AA00699R	CAPACITOR CHIP 10MF +-10% 16V
C240	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C2R2	AA00699R	CAPACITOR CHIP 10MF +-10% 16V
C241	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C2R3	AA00699R	CAPACITOR CHIP 10MF +-10% 16V
C242	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C301	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C243	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C305	AD00629R	CAPACITOR EL CHIP 10MF 16V
C244	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C307	AD00658R	CAPACITOR EL CHIP 100MF 50V
C245	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C308	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C246	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C352	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C247	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C353	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C248	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C354	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C249	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C355	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C250	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C356	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C251	AD00629R	CAPACITOR EL CHIP 10MF 16V	C357	AD00632R	CAPACITOR EL CHIP 47MF 16V
C252	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C401	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C253	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C402	AA01144R	CAPACITOR CHIP 1MF +-10% 16V
C254	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C403	AL01858R	EL 1000MF 25V
C255	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C404	AL01858R	EL 1000MF 25V
C256	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C405	AL01858R	EL 1000MF 25V
C257	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C406	AL01858R	EL 1000MF 25V
C258	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C407	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C259	AD00658R	CAPACITOR EL CHIP 100MF 50V	C408	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C260	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C409	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C261	AD00658R	CAPACITOR EL CHIP 100MF 50V	C410	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C262	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C411	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C263	AD00658R	CAPACITOR EL CHIP 100MF 50V	C412	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C264	AA00931R	CAPACITOR CHIP 1MF +-10% 10V	C413	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C265	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C414	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C266	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C415	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C267	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C416	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C417	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C486	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C418	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C487	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C419	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C488	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C420	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C489	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C421	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C490	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C422	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C491	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V
C423	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C492	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C424	AA00724R	CAPACITOR CHIP 1MF +-10% 50V	C493	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V
C425	AL01865R	CAPACITOR EL 470MF 35V	C501	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C426	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C502	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C427	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C503	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C428	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C504	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C429	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C505	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C430	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C506	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C431	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C507	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C432	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C508	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C433	AA01348R	CAPACITOR CHIP 0.22MF +-10% 25V	C509	0893117R	CAPACITOR CHIP 22PF +-5% 50V
C435	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C510	0893117R	CAPACITOR CHIP 22PF +-5% 50V
C436	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C514	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C437	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C515	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C440	AA00421R	CAPACITOR CHIP 4.7MF +-10% 16V	C516	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C441	AA00421R	CAPACITOR CHIP 4.7MF +-10% 16V	C517	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C442	AA00421R	CAPACITOR CHIP 4.7MF +-10% 16V	C518	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C445	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C519	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C446	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C520	0893126R	CAPACITOR CHIP 100PF +-5% 50V
C447	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C521	0893129R	CAPACITOR CHIP 180PF +-5% 50V
C448	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C522	AD00632R	CAPACITOR EL CHIP 47MF 16V
C449	0893199R	CAPACITOR CHIP 220PF +-10% 50V	C523	AD00632R	CAPACITOR EL CHIP 47MF 16V
C450	0893199R	CAPACITOR CHIP 220PF +-10% 50V	C524	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C451	AD00633R	CAPACITOR EL CHIP 470MF 16V	C525	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C452	AD00633R	CAPACITOR EL CHIP 470MF 16V	C526	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C453	AD00633R	CAPACITOR EL CHIP 470MF 16V	C527	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C454	AD00633R	CAPACITOR EL CHIP 470MF 16V	C528	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C455	0893086R	CD 0.1MF +80-20% 50V CHIP	C529	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C456	0893086R	CD 0.1MF +80-20% 50V CHIP	C530	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C457	AA00991R	CAPACITOR CHIP 0.1MF +-10% 50V	C531	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C458	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V	C532	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C459	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V	C533	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C460	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V	C534	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V
C461	0893051R	CAPACITOR,CHIP 0.033MF +-10% 50V	C535	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C462	AD00443R	CAPACITOR EL CHIP 220MF 16V	C536	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C463	AD00443R	CAPACITOR EL CHIP 220MF 16V	C537	AD00629R	CAPACITOR EL CHIP 10MF 16V
C464	AA01111R	CAPACITOR CHIP 1MF +-10% 6.3V	C538	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C465	AA01132R	CAPACITOR CHIP 0.22MF +-10% 6.3V	C539	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C466	AA00422R	CAPACITOR, CHIP 10MF +-10% 16V	C540	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C467	AA00754R	CAPACITOR CHIP 47MF +-10% 6.3V	C541	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C468	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V	C542	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C469	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V	C543	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C470	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V	C544	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C471	AA01136R	CAPACITOR, CHIP 0.47MF +-10% 6.3V	C545	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C479	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C546	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C480	0880003W	CAPACITOR PF 1000PF +-10% 50V	C547	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C482	AA01141R	CAPACITOR CHIP 0.1MF +-10% 16V	C548	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C483	AD00623R	CAPACITOR EL CHIP 100MF 6.3V	C549	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C484	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V	C550	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C485	0893193R	CAPACITOR CHIP 0.01MF +-10% 25V	C551	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V


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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C552	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C605	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C553	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C606	AD00658R	CAPACITOR EL CHIP 100MF 50V
C554	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C607	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C555	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C608	AD00658R	CAPACITOR EL CHIP 100MF 50V
C556	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C609	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C557	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C610	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C558	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C611	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C559	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C612	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C560	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C613	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C561	AA00968R	CAPACITOR CHIP 10MF +-20% 6.3V	C614	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C562	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C615	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C563	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C616	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C564	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C617	AD00658R	CAPACITOR EL CHIP 100MF 50V
C565	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C618	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C566	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C619	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C567	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C620	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C568	AD00632R	CAPACITOR EL CHIP 47MF 16V	C621	AA00937R	CAPACITOR CHIP 10MF +-10% 10V
C569	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C622	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C570	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C623	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C571	0893133R	CAPACITOR CHIP 330PF +-5% 50V	C624	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V
C572	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C625	0893213R	CAPACITOR CHIP 2200PF 50V
C573	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C626	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C574	AD00622R	CAPACITOR EL CHIP 47MF 6.3V	C627	AD00658R	CAPACITOR EL CHIP 100MF 50V
C577	AD00622R	CAPACITOR EL CHIP 47MF 6.3V	C628	0893114R	CAPACITOR CHIP 12PF +-5% 50V
C578	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C629	AD00658R	CAPACITOR EL CHIP 100MF 50V
C579	AD00638R	CAPACITOR EL CHIP 4.7MF 35V	C630	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C580	AD00661R	CAPACITOR EL CHIP 220MF 6.3V	C631	0893213R	CAPACITOR CHIP 2200PF 50V
C581	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C632	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V
C582	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C633	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C583	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C634	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C584	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C635	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C585	0893111R	CAPACITOR CHIP 8PF +-0.25% 50V	C636	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C587	AA01121R	CAPACITOR CHIP 0.47MF +-10% 10V	C637	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C588	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C638	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C589	AA01101R	CAPACITOR CHIP 1MF +-10% 10V	C639	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C590	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C641	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C591	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C642	AD00629R	CAPACITOR EL CHIP 10MF 16V
C592	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V	C643	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C593	0893217R	CAPACITOR CHIP 4700PF +-10% 50V	C644	AA00966R	CAPACITOR CHIP 4.7MF +-20% 3.6V
C5A0	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C645	AD00631R	CAPACITOR EL CHIP 22MF 16V
C5A1	AD00632R	CAPACITOR EL CHIP 47MF 16V	C646	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C5A2	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C647	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C5A3	AD00658R	CAPACITOR EL CHIP 100MF 50V	C648	AD00632R	CAPACITOR EL CHIP 47MF 16V
C5A4	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C649	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V
C5A5	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C653	AA00753R	CAPACITOR CHIP 22MF +-20% 6.3V
C5A6	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V	C654	AA00699R	CAPACITOR CHIP 10MF +-10% 16V
C5A7	AA01144R	CAPACITOR CHIP 1MF +-10% 16V	C655	AA00699R	CAPACITOR CHIP 10MF +-10% 16V
C5A9	AD00629R	CAPACITOR EL CHIP 10MF 16V	C656	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C5C0	AD00623R	CAPACITOR EL CHIP 100MF 6.3V	C657	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C5E0	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C658	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C5E1	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C659	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C5E2	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	C660	AA10872R	CAPACITOR CHIP 0.1MF +-10% 10V
C601	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	C901	AN02085S	CAPACITOR 0.22MF +-10% 250V
C602	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CC01	0893208R	CAPACITOR CHIP 1000PF +-10% 50V
C603	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CC02	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V
C604	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	CC03	0893208R	CAPACITOR CHIP 1000PF +-10% 50V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
CC04	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	D004P	CH01042S	DI SD-RK34 LF-B4
CC06	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	D006P	CH01042S	DI SD-RK34 LF-B4
CC07	0893116R	CAPACITOR CHIP 18PF +-5% 50V	D007P	CH01042S	DI SD-RK34 LF-B4
CC08	0893119R	CAPACITOR, CHIP 33PF +-5% 50V	D008P	CH01042S	DI SD-RK34 LF-B4
CLL1	AA01123R	CAPACITOR CHIP 1MF +-10% 10V	D009P	CH01042M	DI RK34
CN01	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D011P	CH01042S	DI SD-RK34 LF-B4
CN02	0893126R	CAPACITOR CHIP 100PF +-5% 50V	D012P	CH01042S	DI SD-RK34 LF-B4
CN03	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D101	CC02389R	DI ZENER LUDZ TE-17 15B
CN04	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D101P	CH01042S	DI SD-RK34 LF-B4
CN05	AD00632R	CAPACITOR EL CHIP 47MF 16V	D102	CC02389R	DI ZENER LUDZ TE-17 15B
CN06	0893122R	CAPACITOR CHIP 47PF +-5% 50V	D103	CC02389R	DI ZENER LUDZ TE-17 15B
CN07	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D104	CC02389R	DI ZENER LUDZ TE-17 15B
CN08	AD00661R	CAPACITOR EL CHIP 220MF 6.3V	D201	CC01891R	DI CHIP SDS511 PF
CN09	0893102R	CAPACITOR CHIP 1PF +-0.25PF 50V	D202	CC01891R	DI CHIP SDS511 PF
CN10	0893102R	CAPACITOR CHIP 1PF +-0.25PF 50V	D203	CC02003R	DI ZENER CHIP UDZSTE-175.6B
CN11	0893102R	CAPACITOR CHIP 1PF +-0.25PF 50V	D2R2	CC01891R	DI CHIP SDS511 PF
CN14	AD00621R	CAPACITOR EL CHIP 22MF 6.3V	D2R3	CC01891R	DI CHIP SDS511 PF
CN15	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D2R4	CC01891R	DI CHIP SDS511 PF
CN16	0893208R	CAPACITOR CHIP 1000PF +-10% 50V	D2R5	CC01891R	DI CHIP SDS511 PF
CN17	0893208R	CAPACITOR CHIP 1000PF +-10% 50V	D301	CC02002R	DI ZENER CHIP UDZSTE-175.1B
CN18	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	D302	CC01891R	DI CHIP SDS511 PF
CN19	AD00631R	CAPACITOR EL CHIP 22MF 16V	D303	CC01891R	DI CHIP SDS511 PF
CN20	AA00941R	CAPACITOR CHIP 4.7MF +80% -20% 10V	D401	CC01891R	DI CHIP SDS511 PF
CN21	AA00934R	CAPACITOR CHIP 2.2MF +-10% 10V	D402	CC01891R	DI CHIP SDS511 PF
CN22	AA01111R	CAPACITOR CHIP 1MF +-10% 6.3V	D404	CC01891R	DI CHIP SDS511 PF
CN23	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	D405	CC01891R	DI CHIP SDS511 PF
CN24	AA00941R	CAPACITOR CHIP 4.7MF +80% -20% 10V	D406	CC01891R	DI CHIP SDS511 PF
CNLD2	2908943S	CONNECTOR 12P L=680	D407	CC01891R	DI CHIP SDS511 PF
CNLD3	2908941S	CONNECTOR 12P L=560	D408	CC01891R	DI CHIP SDS511 PF
CR01	AD00632R	CAPACITOR EL CHIP 47MF 16V	DL1	CC02061R	LED CHIP SML-020MLT
CR02	AD00632R	CAPACITOR EL CHIP 47MF 16V	DN02	CC02007R	DI ZENER UDZSTE-178.2B
CR03	AD00658R	CAPACITOR EL CHIP 100MF 50V	DN03	CC02007R	DI ZENER UDZSTE-178.2B
CR04	AD00658R	CAPACITOR EL CHIP 100MF 50V	DR01	CC02374R	DI ZENER LUDZ TE-17 3.9B
CR05	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	E001	EF25101C	CONNECTOR 14P L=970
CR06	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	E002	EF25103C	CONNECTOR
CR07	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	E004	EF25133C	CONNECTOR 15P L=350
CR08	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	E01	EV02091	POWER CORD
CS01	0890035M	CAPACITOR CD 1000PF +-10% 50V	E801	EF25091	CONNECTOR 14P L=210
CS02	0890035M	CAPACITOR CD 1000PF +-10% 50V	E901	EP00371	AC INLET
CS03	0890035M	CAPACITOR CD 1000PF +-10% 50V	EJ1	2908832S	CONNECTOR 9P L=80
CS04	0890035M	CAPACITOR CD 1000PF +-10% 50V	EFE1	EK01861	CONNECTOR 1P L=50
CT01	AD00629R	CAPACITOR EL CHIP 10MF 16V	EFE2	2979173	PLAG PIN MIN 1P L=160
CT02	0893131R	CAPACITOR CHIP 220PF +-5% 50V	EFM1	EK01871	CONNECTOR FFC 80P L=1800
CT03	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	EFV1	EF25032	CONNECTOR 11P L=200
CT04	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	EPU1	EF22385	CONNECTOR 6P L=180
CT05	0893133R	CAPACITOR CHIP 330PF +-5% 50V	ESP2	2973967S	CONNECTOR 12P L=180
CT06	0893123R	CAPACITOR CHIP 56PF +-5% 50V	ESP3	EF24685	CONNECTOR 5P L=190
CT07	0893123R	CAPACITOR CHIP 56PF +-5% 50V	ESW	EF24713	CONNECTOR 8P L=270
CT12	AD00622R	CAPACITOR EL CHIP 47MF 6.3V	 F901	FN00437	FUSE 4A
CT13	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	HLL1	CE00121R	SBX3050-02
CT14	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	I101	CK38376R	IC SI-3050KM-TL
CT15	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	I103	CK37216R	IC TK11133CSCL
CT16	0893222R	CAPACITOR CHIP 0.01MF +-10% 50V	I201	CK30941U	IC CXA2069Q
CT20	AA00966R	CAPACITOR CHIP 4.7MF +-20% 3.6V	I202	CK31031R	IC BA3530FS
CT21	0893179R	CAPACITOR CHIP 0.1MF +-10% 16V	I203	CK16272R	IC BU4052BCFV-E2
D003P	CH01042S	DI SD-RK34 LF-B4	I204	CK06121R	IC MM1231XFBE

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
I301	CK50461R	IC BA6287F-E2	K517P	2784381A	TAPED JUMP.WIRE 0.60MM
I350	CK50027R	IC MAX202IPWR	K521P	2784381A	TAPED JUMP.WIRE 0.60MM
I401	CK50471R	IC TAS5122DCA	K522P	2784381A	TAPED JUMP.WIRE 0.60MM
I402	CK07141R	IC BA4558F-E2	K523P	2784381A	TAPED JUMP.WIRE 0.60MM
I403	CK07141R	IC BA4558F-E2	K524P	2784381A	TAPED JUMP.WIRE 0.60MM
I404	CK51361R	IC TAS5508PAG	K525P	2784381A	TAPED JUMP.WIRE 0.60MM
I405	CK51351R	IC TAS3103DBT	K526P	2784381A	TAPED JUMP.WIRE 0.60MM
I406	CK34401R	IC SN74LV14APWR	K527P	2784381A	TAPED JUMP.WIRE 0.60MM
I409	CK50961R	IC SN74CB3T3306DCUR	K528P	2784381A	TAPED JUMP.WIRE 0.60MM
I501	CK52921U	IC UPD64015	K529P	2784381A	TAPED JUMP.WIRE 0.60MM
I502	CK51741U	IC EDS1616AGTA-6B-E	K530P	2784381A	TAPED JUMP.WIRE 0.60MM
I503	CK38443R	IC BD5227G	K531P	2784381A	TAPED JUMP.WIRE 0.60MM
I504	CK34953U	IC TB1274BFG	K532P	2784381A	TAPED JUMP.WIRE 0.60MM
I505	CK37193R	IC SI-3033LSA-TL	K533P	2784381A	TAPED JUMP.WIRE 0.60MM
I506	CK37219R	IC TK11115CSCL-G	K535P	2784381A	TAPED JUMP.WIRE 0.60MM
I601	CK50553U	IC TA1391AFG #1.2	K536P	2784381A	TAPED JUMP.WIRE 0.60MM
I602	CK34991R	IC SN74ACT14PWR	K538P	2784381A	TAPED JUMP.WIRE 0.60MM
I603	CK37406R	IC SI-3012KS-TL	K539P	2784381A	TAPED JUMP.WIRE 0.60MM
I604	CK37396R	IC SI-3012LU	K544P	2784381A	TAPED JUMP.WIRE 0.60MM
IC001P	CP08581U	IC MC33063A	K547P	2784381A	TAPED JUMP.WIRE 0.60MM
IC002P	CP08521F	IC SI-3011ZF	K548P	2784381A	TAPED JUMP.WIRE 0.60MM
IC003P	CP06541F	IC SI-3033C	K549P	2784381A	TAPED JUMP.WIRE 0.60MM
ICC1	CK52581R	IC MAX4790EUS	KD01P	2784381A	TAPED JUMP.WIRE 0.60MM
ICC2	CK38325R	IC SN74LVC1G17DCKR	KD05P	2784381A	TAPED JUMP.WIRE 0.60MM
IN01	CK37711U	IC MSP3455G	KD10P	2784381A	TAPED JUMP.WIRE 0.60MM
IR01	CK38377R	IC SI-3090KM-TL	KD12P	2784381A	TAPED JUMP.WIRE 0.60MM
IR02	CK37194R	IC SI-3050LSA-TL	KI01P	2784381A	TAPED JUMP.WIRE 0.60MM
IT01	CK50562U	IC SAA5361HL/M1/1651	KL22P	2784381A	TAPED JUMP.WIRE 0.60MM
IT02	CK53053R	IC S-24CS04A	KL31P	2784381A	TAPED JUMP.WIRE 0.60MM
IT03	CK50741U	IC M5M5V108DKV-70HI	KL32P	2784381A	TAPED JUMP.WIRE 0.60MM
IT04	CK39402R	IC PI3B3253L	KS01	2784381A	TAPED JUMP.WIRE 0.60MM
J201	ES00631	JACK	KS02	2784381A	TAPED JUMP.WIRE 0.60MM
J202	EQ00841	JACK 7P	KS03	2784381A	TAPED JUMP.WIRE 0.60MM
JCC1	EY01771R	SOCKET MEMORY CARD	KS04	2784381A	TAPED JUMP.WIRE 0.60MM
JDS1	EQ00851	JACK 9P	KS05	2784381A	TAPED JUMP.WIRE 0.60MM
JNJ1	EU01352	JACK 3P	KS06	2784381A	TAPED JUMP.WIRE 0.60MM
JNJ2	ER00591	JACK STEREO MINI	L001P	BH01776	COIL 150UH
JSW1	EA02231R	SOCKET 8P	L101	BA00714R	COIL CHIP 100UH
K003P	2784381A	TAPED JUMP.WIRE 0.60MM	L102	BA02254R	INDUCTOR CHIP 47MH
K101P	2784381A	TAPED JUMP.WIRE 0.60MM	L103	BA02254R	INDUCTOR CHIP 47MH
K102P	2784381A	TAPED JUMP.WIRE 0.60MM	L104	BA00714R	COIL CHIP 100UH
K103P	2784381A	TAPED JUMP.WIRE 0.60MM	L211	BA00892R	COIL CHIP 47UH +-20% 150MA
K303P	2784381A	TAPED JUMP.WIRE 0.60MM	L212	BA00892R	COIL CHIP 47UH +-20% 150MA
K501P	2784381A	TAPED JUMP.WIRE 0.60MM	L213	BA00892R	COIL CHIP 47UH +-20% 150MA
K502P	2784381A	TAPED JUMP.WIRE 0.60MM	L214	BA00892R	COIL CHIP 47UH +-20% 150MA
K503P	2784381A	TAPED JUMP.WIRE 0.60MM	L215	BA00892R	COIL CHIP 47UH +-20% 150MA
K504P	2784381A	TAPED JUMP.WIRE 0.60MM	L216	BA00864R	COIL CHIP 10UH
K505P	2784381A	TAPED JUMP.WIRE 0.60MM	L219	BA00864R	COIL CHIP 10UH
K506P	2784381A	TAPED JUMP.WIRE 0.60MM	L221	BA00892R	COIL CHIP 47UH +-20% 150MA
K508P	2784381A	TAPED JUMP.WIRE 0.60MM	L222	BA00892R	COIL CHIP 47UH +-20% 150MA
K509P	2784381A	TAPED JUMP.WIRE 0.60MM	L301	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4
K510P	2784381A	TAPED JUMP.WIRE 0.60MM	L350	BA00892R	COIL CHIP 47UH +-20% 150MA
K511P	2784381A	TAPED JUMP.WIRE 0.60MM	L401	BA02271R	INDUCTOR CHIP 10MH
K513P	2784381A	TAPED JUMP.WIRE 0.60MM	L402	BA02271R	INDUCTOR CHIP 10MH
K514P	2784381A	TAPED JUMP.WIRE 0.60MM	L405	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4
K515P	2784381A	TAPED JUMP.WIRE 0.60MM	L406	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
L407	BA00892R	COIL CHIP 47UH +-20% 150MA	Q213	CA00981R	TR CHIP DTC114EE TL
L409	BA00892R	COIL CHIP 47UH +-20% 150MA	Q214	CA00331R	TR CHIP IMZ1A T108(T)
L501	BA00892R	COIL CHIP 47UH +-20% 150MA	Q215	CA02132R	TR CHIP 2SA1980UFG PF
L502	BA00892R	COIL CHIP 47UH +-20% 150MA	Q216	CA02132R	TR CHIP 2SA1980UFG PF
L503	BA00892R	COIL CHIP 47UH +-20% 150MA	Q217	CA00331R	TR CHIP IMZ1A T108(T)
L504	BA00892R	COIL CHIP 47UH +-20% 150MA	Q218	CA00331R	TR CHIP IMZ1A T108(T)
L505	BA00892R	COIL CHIP 47UH +-20% 150MA	Q219	CA00331R	TR CHIP IMZ1A T108(T)
L506	BA00892R	COIL CHIP 47UH +-20% 150MA	Q2R0	CA02132R	TR CHIP 2SA1980UFG PF
L507	BA00892R	COIL CHIP 47UH +-20% 150MA	Q2R1	CA00983R	TR CHIP DTC144EE TL
L508	BA00894R	COIL CHIP 100MH 100MA	Q301	2316244R	TR CHIP 2SC4081 T106 R
L509	BA02254R	INDUCTOR CHIP 47MH	Q302	1323294R	TR CHIP 2SA1774 TL (R/S)
L510	BA00892R	COIL CHIP 47UH +-20% 150MA	Q303	CA00983R	TR CHIP DTC144EE TL
L601	BA00892R	COIL CHIP 47UH +-20% 150MA	Q402	CA02092R	TR CHIP SRC1202EF
L602	BA00892R	COIL CHIP 47UH +-20% 150MA	Q404	CA02092R	TR CHIP SRC1202EF
L603	BA00892R	COIL CHIP 47UH +-20% 150MA	Q405	CA02092R	TR CHIP SRC1202EF
L604	BA00892R	COIL CHIP 47UH +-20% 150MA	Q406	CA00771R	TR CHIP DTC323TKT146
L605	BA00892R	COIL CHIP 47UH +-20% 150MA	Q407	CA02091R	TR SRC1204EF PF
L606	BA00892R	COIL CHIP 47UH +-20% 150MA	Q408	CA02091R	TR SRC1204EF PF
L607	BA00894R	COIL CHIP 100MH 100MA	Q409	CA02092R	TR CHIP SRC1202EF
L608	BA00892R	COIL CHIP 47UH +-20% 150MA	Q410	CA11254R	TR DTA114YKA
LLL1	BA10986R	COIL CHIP 47MH	Q411	CA02092R	TR CHIP SRC1202EF
LN01	BA00714R	COIL CHIP 100UH	Q412	CA11254R	TR DTA114YKA
LN02	BA00712R	COIL CHIP 47UH	Q413	CA02092R	TR CHIP SRC1202EF
LN03	BA00712R	COIL CHIP 47UH	Q511	CA00331R	TR CHIP IMZ1A T108(T)
LT02	BA00714R	COIL CHIP 100UH	Q512	CA00331R	TR CHIP IMZ1A T108(T)
LT03	BA00712R	COIL CHIP 47UH	Q513	CA00331R	TR CHIP IMZ1A T108(T)
LVDS	EW08552	LVDS CABLE L=600	Q515	CA02132R	TR CHIP 2SA1980UFG PF
N01	QR65421	USER'S MANUAL 1	Q516	CA02132R	TR CHIP 2SA1980UFG PF
N02	QR65431	USER'S MANUAL 2	Q517	CA02132R	TR CHIP 2SA1980UFG PF
NF901	2721351	FUSE HOLDER	Q519	CA02142R	TR CHIP 2SC5343UFG PF
NVS1	2169515	COIL(Noise Filter)	Q520	CA02132R	TR CHIP 2SA1980UFG PF
NVS2	GX00666	FERRITE CORE	Q521	CA02132R	TR CHIP 2SA1980UFG PF
NVS3	2169511	FERRITE CORE	Q522	CA02132R	TR CHIP 2SA1980UFG PF
NVS4	2169511	FERRITE CORE	Q530	CA01011R	TR CHIP 2SK3018 T106
NVS5	2169511	FERRITE CORE	Q531	CA01011R	TR CHIP 2SK3018 T106
NVS6	2169511	FERRITE CORE	Q601	CA02142R	TR CHIP 2SC5343UFG PF
PCS1	EA02334R	CONNECTOR 14P	Q602	CA02142R	TR CHIP 2SC5343UFG PF
PMSI	EA02183R	PLUG 13P	Q603	CA02142R	TR CHIP 2SC5343UFG PF
PPU2	ED02801	PLUG 2P	Q604	CA02142R	TR CHIP 2SC5343UFG PF
PSW	ED02811	PLUG 8P	Q605	CA02142R	TR CHIP 2SC5343UFG PF
Q101	CA02142R	TR CHIP 2SC5343UFG PF	Q606	CA02142R	TR CHIP 2SC5343UFG PF
Q102	CA02142R	TR CHIP 2SC5343UFG PF	QN01	CA02142R	TR CHIP 2SC5343UFG PF
Q103	CA02142R	TR CHIP 2SC5343UFG PF	QN02	CA02142R	TR CHIP 2SC5343UFG PF
Q104	CA02142R	TR CHIP 2SC5343UFG PF	QN03	CA00981R	TR CHIP DTC114EE TL
Q201	CA02142R	TR CHIP 2SC5343UFG PF	QR01	CA02142R	TR CHIP 2SC5343UFG PF
Q202	CA02142R	TR CHIP 2SC5343UFG PF	QS01	2326873R	TR DTC144EF
Q203	CA02142R	TR CHIP 2SC5343UFG PF	QT01	CA02142R	TR CHIP 2SC5343UFG PF
Q204	CA02142R	TR CHIP 2SC5343UFG PF	QT02	CA02132R	TR CHIP 2SA1980UFG PF
Q205	2320663	TR 2SC1213AC	QT03	CA00331R	TR CHIP IMZ1A T108(T)
Q206	CA00142R	TR CHIP IMX2T108(T)	QT04	CA00331R	TR CHIP IMZ1A T108(T)
Q207	CA02142R	TR CHIP 2SC5343UFG PF	QT05	CA00331R	TR CHIP IMZ1A T108(T)
Q208	CA00331R	TR CHIP IMZ1A T108(T)	QT06	CA02132R	TR CHIP 2SA1980UFG PF
Q209	CA00331R	TR CHIP IMZ1A T108(T)	QT07	CA02142R	TR CHIP 2SC5343UFG PF
Q210	CA02132R	TR CHIP 2SA1980UFG PF	QT08	CA00981R	TR CHIP DTC114EE TL
Q211	CA00983R	TR CHIP DTC144EE TL	R002P	0100047	CF 180 OHM +-5% 1/8W
Q212	CA00981R	TR CHIP DTC114EE TL	R003P	0119642	MG 30K OHM +-1% 1/8W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R004P	0119609	MF 1.2 KOHM \pm 1% 1/8W	R222	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W
R005P	0100041	CF 100 OHM \pm 5% 1/8W	R223	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W
R006P	0100041	CF 100 OHM \pm 5% 1/8W	R224	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R007P	0100085	CF 6.8K OHM \pm 5% 1/8W	R225	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W
R008P	0100089	CF 10K OHM \pm 5% 1/8W (HCPS)	R226	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R009P	0100089	CF 10K OHM \pm 5% 1/8W (HCPS)	R227	0790034R	RESISTOR CHIP 560 OHM \pm 5% 1/16W
R013P	AT03175S	RESISTOR 0.33 OHM \pm 5% 1W	R228	0790034R	RESISTOR CHIP 560 OHM \pm 5% 1/16W
R101	AQ00192R	CHIP RESISTOR 820 OHM \pm 1% 1/16W	R229	0790034R	RESISTOR CHIP 560 OHM \pm 5% 1/16W
R102	AQ00192R	CHIP RESISTOR 820 OHM \pm 1% 1/16W	R230	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R103	AQ00192R	CHIP RESISTOR 820 OHM \pm 1% 1/16W	R231	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R104	AQ00192R	CHIP RESISTOR 820 OHM \pm 1% 1/16W	R232	0790036R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R105	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R233	0790036R	RESISTOR CHIP 820 OHM \pm 5% 1/16W
R107	0790051R	RESISTOR CHIP 10K OHM \pm 5% 1/16W	R234	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R108	0790051R	RESISTOR CHIP 10K OHM \pm 5% 1/16W	R236	0790036R	RESISTOR CHIP 820 OHM \pm 5% 1/16W
R109	0790048R	RESISTOR CHIP 6.8K OHM \pm 5% 1/16W	R238	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R110	0790048R	RESISTOR CHIP 6.8K OHM \pm 5% 1/16W	R239	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R111	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R240	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R112	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R241	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R113	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R242	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R114	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R243	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R115	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R244	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R116	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R245	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R117	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R246	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R118	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R247	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R119	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R248	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R120	0790051R	RESISTOR CHIP 10K OHM \pm 5% 1/16W	R249	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R121	0790051R	RESISTOR CHIP 10K OHM \pm 5% 1/16W	R250	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R126	0790048R	RESISTOR CHIP 6.8K OHM \pm 5% 1/16W	R251	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R127	0790048R	RESISTOR CHIP 6.8K OHM \pm 5% 1/16W	R252	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R128	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R253	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R129	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R254	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R130	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R255	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R132	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R256	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R135	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R257	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R170	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R258	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R1A0	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R259	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R1A2	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R260	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R201	0790037R	RESISTOR CHIP 1K OHM \pm 5% 1/16W	R261	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R202	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R262	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R203	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W	R263	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R204	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R264	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R205	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W	R265	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R206	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R266	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R207	0790037R	RESISTOR CHIP 1K OHM \pm 5% 1/16W	R267	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W
R208	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W	R268	AQ00164R	RESISTOR CHIP 75 OHM \pm 1% 1/16W
R209	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R269	0790037R	RESISTOR CHIP 1K OHM \pm 5% 1/16W
R210	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W	R270	0790037R	RESISTOR CHIP 1K OHM \pm 5% 1/16W
R211	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R271	0790064R	RESISTOR CHIP 100K OHM \pm 5% 1/16W
R212	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R272	0790064R	RESISTOR CHIP 100K OHM \pm 5% 1/16W
R214	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R273	0790064R	RESISTOR CHIP 100K OHM \pm 5% 1/16W
R216	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R274	0790069R	RESISTOR CHIP 270K OHM \pm 5% 1/16W
R217	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R275	0790057R	RESISTOR CHIP 33K OHM \pm 5% 1/16W
R218	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R276	0790062R	RESISTOR CHIP 68K OHM \pm 5% 1/16W
R219	0790001R	RESISTOR CHIP 0 OHM \pm 5% 1/16W	R277	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W
R220	0790047R	RESISTOR CHIP 5.6K OHM \pm 5% 1/16W	R278	0790038R	RESISTOR CHIP 1.2K OHM \pm 5% 1/16W
R221	0790024R	RESISTOR CHIP 100 OHM \pm 5% 1/16W	R279	0790037R	RESISTOR CHIP 1K OHM \pm 5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R280	0790064R	RESISTOR CHIP 100K OHM +5% 1/16W	R2G0	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R281	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2G1	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R282	0790074R	RESISTOR CHIP 560K OHM +5% 1/16W	R2G2	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R283	0790057R	RESISTOR CHIP 33K OHM +5% 1/16W	R2G3	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R284	0790062R	RESISTOR CHIP 68K OHM +5% 1/16W	R2G4	0790064R	RESISTOR CHIP 100K OHM +5% 1/16W
R285	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2G5	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R286	0790038R	RESISTOR CHIP 1.2K OHM +5% 1/16W	R2G6	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R287	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2G7	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R288	0790064R	RESISTOR CHIP 100K OHM +5% 1/16W	R2G8	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R289	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2G9	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R290	0790074R	RESISTOR CHIP 560K OHM +5% 1/16W	R2H1	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R291	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2H2	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R292	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R2H5	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W
R293	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2H7	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W
R294	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R2H9	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R295	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2J0	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R296	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2J1	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R297	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R2J2	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R298	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2J3	AQ00167R	RESISTOR, CHIP 100 OHM +1% 1/16W
R299	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R2J4	AQ00179R	RESISTOR CHIP 300 OHM +1% 1/16W
R2A0	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2J5	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2A1	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2J6	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R2A2	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R2J7	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2A3	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2J8	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2A4	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R2J9	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W
R2A5	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2K0	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W
R2A6	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2K2	AQ00169R	RESISTOR CHIP 120 OHM +1% 1/16W
R2A7	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R2K3	AQ00175R	RESISTOR CHIP 200 OHM +1% 1/16W
R2A8	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2K4	AQ00175R	RESISTOR CHIP 200 OHM +1% 1/16W
R2A9	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2K6	AQ00169R	RESISTOR CHIP 120 OHM +1% 1/16W
R2C0	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R2K7	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2C2	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R2K8	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2C4	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R2K9	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W
R2C5	AQ00164R	RESISTOR CHIP 75 OHM +1% 1/16W	R2L0	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W
R2C6	AQ00164R	RESISTOR CHIP 75 OHM +1% 1/16W	R2L1	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W
R2C7	AQ00164R	RESISTOR CHIP 75 OHM +1% 1/16W	R2L2	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2C8	AQ00024R	RES. CHIP 100 OHM +5% 1/16W (4 GANGED)	R2M0	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2C9	AQ00024R	RES. CHIP 100 OHM +5% 1/16W (4 GANGED)	R2M1	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2E0	0790034R	RESISTOR CHIP 560 OHM +5% 1/16W	R2R0	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2E1	0790034R	RESISTOR CHIP 560 OHM +5% 1/16W	R2R2	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2E2	0790034R	RESISTOR CHIP 560 OHM +5% 1/16W	R2R3	0790061R	RESISTOR CHIP 56K OHM +5% 1/16W
R2E3	0790034R	RESISTOR CHIP 560 OHM +5% 1/16W	R2R4	0790042R	RESISTOR CHIP 2.2K OHM +5% 1/16W
R2E4	AQ00022R	RESISTOR CHIP 68 OHM +5% 1/16W (4R)	R2R5	0790075R	RESISTOR CHIP 680K OHM +5% 1/16W
R2E5	AQ00022R	RESISTOR CHIP 68 OHM +5% 1/16W (4R)	R2R6	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R2E6	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R301	0790077R	RESISTOR CHIP 1M OHM +5% 1/16W
R2E7	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R302	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2E8	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R303	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2E9	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R305	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R2F0	0790047R	RESISTOR CHIP 5.6K OHM +5% 1/16W	R306	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R2F1	0790066R	RESISTOR CHIP 150K OHM +5% 1/16W	R309	AQ01938R	RESISTOR CHIP 1.5 OHM +5% 1W
R2F2	0790066R	RESISTOR CHIP 150K OHM +5% 1/16W	R310	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2F5	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R311	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2F6	0790055R	RESISTOR CHIP 22K OHM +5% 1/16W	R312	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R2F7	0790055R	RESISTOR CHIP 22K OHM +5% 1/16W	R313	AQ01954R	RESISTOR CHIP 5.3 OHM +5% 1W
R2F8	0790064R	RESISTOR CHIP 100K OHM +5% 1/16W	R314	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R2F9	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R352	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R353	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R456	0790077R	RESISTOR CHIP 1M OHM $\pm 5\%$ 1/16W
R354	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R457	0790042R	RESISTOR CHIP 2.2K OHM $\pm 5\%$ 1/16W
R355	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R458	0790042R	RESISTOR CHIP 2.2K OHM $\pm 5\%$ 1/16W
R356	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W	R460	0790042R	RESISTOR CHIP 2.2K OHM $\pm 5\%$ 1/16W
R357	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W	R461	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W
R401	0790002R	RESISTOR CHIP 2.2 OHM $\pm 5\%$ 1/16W	R462	0790019R	RESISTOR CHIP 47 OHM $\pm 5\%$ 1/16W
R402	0790002R	RESISTOR CHIP 2.2 OHM $\pm 5\%$ 1/16W	R463	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R403	0790002R	RESISTOR CHIP 2.2 OHM $\pm 5\%$ 1/16W	R465	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R404	0790002R	RESISTOR CHIP 2.2 OHM $\pm 5\%$ 1/16W	R468	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R405	AQ00511R	RESISTOR 4 JOINED CHIP 10 OHM $\pm 5\%$ 1/16W	R469	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R406	AQ00511R	RESISTOR 4 JOINED CHIP 10 OHM $\pm 5\%$ 1/16W	R470	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R407	AQ00511R	RESISTOR 4 JOINED CHIP 10 OHM $\pm 5\%$ 1/16W	R476	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R408	AQ00511R	RESISTOR 4 JOINED CHIP 10 OHM $\pm 5\%$ 1/16W	R477	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R409	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	R478	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R410	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W	R479	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R411	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R480	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R413	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R481	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R414	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R482	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R415	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R483	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R416	0790042R	RESISTOR CHIP 2.2K OHM $\pm 5\%$ 1/16W	R484	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W
R417	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R485	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R419	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R486	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R421	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R487	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R422	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R488	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R423	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R489	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R424	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R490	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W
R425	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R491	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R426	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R492	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R427	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R493	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R428	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	R494	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R429	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R495	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R430	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R496	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R431	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R497	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R432	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R498	0790055R	RESISTOR CHIP 22K OHM $\pm 5\%$ 1/16W
R433	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R499	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R434	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R4A0	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R435	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R4A1	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R436	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W	R4A2	0790048R	RESISTOR CHIP 6.8K OHM $\pm 5\%$ 1/16W
R437	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W	R4A3	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R438	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W	R501	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R439	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W	R502	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R440	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W	R503	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R441	0790038R	RESISTOR CHIP 1.2K OHM $\pm 5\%$ 1/16W	R504	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R442	0790038R	RESISTOR CHIP 1.2K OHM $\pm 5\%$ 1/16W	R505	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R443	0790038R	RESISTOR CHIP 1.2K OHM $\pm 5\%$ 1/16W	R506	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R444	AQ00175R	RESISTOR CHIP 200 OHM $\pm 1\%$ 1/16W	R507	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R445	AQ00175R	RESISTOR CHIP 200 OHM $\pm 1\%$ 1/16W	R508	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R446	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R509	AQ00022R	RESISTOR CHIP 68 OHM $\pm 5\%$ 1/16W (4R)
R447	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R510	0790022R	RESISTOR,CHIP 68 OHM $\pm 5\%$ 1/16W
R448	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R511	0790022R	RESISTOR,CHIP 68 OHM $\pm 5\%$ 1/16W
R449	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R512	0790022R	RESISTOR,CHIP 68 OHM $\pm 5\%$ 1/16W
R450	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	R513	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R451	AQ00221R	RESISTOR CHIP 10K OHM $\pm 1\%$ 1/16W	R514	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R452	AQ00221R	RESISTOR CHIP 10K OHM $\pm 1\%$ 1/16W	R515	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R453	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W	R516	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R454	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W	R517	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R519	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R5D2	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R520	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R5D3	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R521	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R5D4	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R522	0790064R	RESISTOR CHIP 100K OHM +5% 1/16W	R5D5	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W
R523	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R5E5	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R524	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R5E6	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R526	AQ00188R	RESISTOR CHIP 620 OHM +-1% 1/16W	R5E7	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R527	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R5G0	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W
R528	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R5G1	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R529	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R601	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R530	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R602	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R531	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R603	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R532	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R604	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R533	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R605	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R534	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R606	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R535	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R607	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R536	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R608	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R537	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R609	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R538	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R610	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R539	0790032R	RESISTOR CHIP 390 OHM +5% 1/16W	R611	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R540	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R612	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R541	0790039R	RESISTOR CHIP 1.5K OHM +5% 1/16W	R613	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R542	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R614	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R544	0790048R	RESISTOR CHIP 6.8K OHM +5% 1/16W	R615	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R545	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R616	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R546	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R617	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R547	0790043R	RESISTOR CHIP 2.7K OHM +5% 1/16W	R618	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R548	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R619	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R549	0790036R	RESISTOR CHIP 820 OHM +5% 1/16W	R620	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R550	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R621	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W
R551	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R622	AQ00221R	RESISTOR CHIP 10K OHM +-1% 1/16W
R552	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R623	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R553	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R624	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R554	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W	R625	AQ00221R	RESISTOR CHIP 10K OHM +-1% 1/16W
R555	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R626	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W
R556	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R627	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R557	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R628	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R558	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R629	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R559	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R630	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R560	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R631	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R561	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R632	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R563	AQ00232R	RESISTOR CHIP 27K OHM +-1% 1/16W	R633	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R564	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R634	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R565	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R635	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R566	0790051R	RESISTOR CHIP 10K OHM +5% 1/16W	R636	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R567	AQ00206R	RESISTOR CHIP 3K OHM +-1% 1/16W	R637	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W
R571	0196050R	RESISTOR,CHIP 200 OHM +5% 1/16W	R638	AQ00235R	RESISTOR CHIP 36K OHM +-1% 1/16W
R572	0196050R	RESISTOR,CHIP 200 OHM +5% 1/16W	R639	AQ00231R	RESISTOR CHIP 24K OHM +-1% 1/16W
R573	0196050R	RESISTOR,CHIP 200 OHM +5% 1/16W	R640	AQ00247R	RESISTOR CHIP 100K OHM +-1% 1/16W
R590	AQ00782R	RESISTOR CHIP 1K OHM +-1% 1/16W	R641	AQ00251R	RESISTOR CHIP 130K OHM +-1% 1/16W
R591	AQ00755R	RESISTOR CHIP 100 OHM +-1% 1/16W	R642	AQ00231R	RESISTOR CHIP 24K OHM +-1% 1/16W
R592	AQ00791R	RESISTOR CHIP 2.2K OHM +-1% 1/16W	R643	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R5A1	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R644	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R5A2	0790001R	RESISTOR CHIP 0 OHM +5% 1/16W	R645	0790024R	RESISTOR CHIP 100 OHM +5% 1/16W
R5D0	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R646	0790033R	RESISTOR CHIP 470 OHM +5% 1/16W
R5D1	0790037R	RESISTOR CHIP 1K OHM +5% 1/16W	R647	0790033R	RESISTOR CHIP 470 OHM +5% 1/16W


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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R648	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W	RLL2	0790044R	RESISTOR CHIP 3.3K OHM $\pm 5\%$ 1/16W
R649	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W	RLL3	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R650	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W	RLL4	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R651	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W	RLL5	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R652	0790018R	RESISTOR CHIP 39 OHM $\pm 5\%$ 1/16W	RN01	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W
R653	0790018R	RESISTOR CHIP 39 OHM $\pm 5\%$ 1/16W	RN02	0790033R	RESISTOR CHIP 470 OHM $\pm 5\%$ 1/16W
R654	0790018R	RESISTOR CHIP 39 OHM $\pm 5\%$ 1/16W	RN03	0790063R	RESISTOR CHIP 82K OHM $\pm 5\%$ 1/16W
R655	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RN04	0790052R	RESISTOR CHIP 12K OHM $\pm 5\%$ 1/16W
R656	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RN05	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R657	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RN06	0790039R	RESISTOR CHIP 1.5K OHM $\pm 5\%$ 1/16W
R658	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN07	0790026R	RESISTOR CHIP 150 OHM $\pm 5\%$ 1/16W
R659	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN08	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
R660	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN09	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R661	0790018R	RESISTOR CHIP 39 OHM $\pm 5\%$ 1/16W	RN10	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R662	0790018R	RESISTOR CHIP 39 OHM $\pm 5\%$ 1/16W	RN11	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W
R663	0790032R	RESISTOR CHIP 39 OHM $\pm 5\%$ 1/16W	RN12	AQ00163R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R665	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RN13	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W
R667	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN14	AQ00163R	RESISTOR CHIP 68 OHM $\pm 1\%$ 1/16W
R668	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN15	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R669	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN16	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R670	0790032R	RESISTOR CHIP 390 OHM $\pm 5\%$ 1/16W	RN17	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R672	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RN18	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R674	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RR01	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W
R675	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RR03	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
R676	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RR05	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
R677	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RR11	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
R678	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RR20	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
R679	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RS04	0700059	RESISTOR CF 27K OHM $\pm 5\%$ 1/16W
R680	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RS05	0700054M	RESISTOR-CF 10K OHM $\pm 5\%$ 1/16W
R681	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RS06	0100123	CF 270K OHM $\pm 5\%$ 1/8W
RC01	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RS07	0100123	CF 270K OHM $\pm 5\%$ 1/8W
RC02	0790043R	RESISTOR CHIP 2.7K OHM $\pm 5\%$ 1/16W	RT01	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W
RC03	0790041R	RESISTOR CHIP 1.8K OHM $\pm 5\%$ 1/16W	RT02	0790045R	RESISTOR CHIP 3.9K OHM $\pm 5\%$ 1/16W
RC04	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W	RT03	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RC05	0790036R	RESISTOR CHIP 820 OHM $\pm 5\%$ 1/16W	RT04	0790026R	RESISTOR CHIP 150 OHM $\pm 5\%$ 1/16W
RC06	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RT05	0790031R	RESISTOR CHIP 330 OHM $\pm 5\%$ 1/16W
RC07	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RT06	0790037R	RESISTOR CHIP 1K OHM $\pm 5\%$ 1/16W
RC08	0790063R	RESISTOR CHIP 82K OHM $\pm 5\%$ 1/16W	RT07	0790031R	RESISTOR CHIP 330 OHM $\pm 5\%$ 1/16W
RC09	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W	RT08	0790031R	RESISTOR CHIP 330 OHM $\pm 5\%$ 1/16W
RC10	0790019R	RESISTOR CHIP 47 OHM $\pm 5\%$ 1/16W	RT09	0196102R	RESISTOR CHIP 24K OHM $\pm 5\%$ 1/16W
RC11	AQ00383R	RES. CHIP 82K OHM $\pm 5\%$ 1/16W 4 CONNECTED	RT10	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W
RC12	0790061R	RESISTOR CHIP 56K OHM $\pm 5\%$ 1/16W	RT11	0790046R	RESISTOR CHIP 4.7K OHM $\pm 5\%$ 1/16W
RC13	0790027R	RESISTOR CHIP 180 OHM $\pm 5\%$ 1/16W	RT12	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RC14	0790063R	RESISTOR CHIP 82K OHM $\pm 5\%$ 1/16W	RT14	0790047R	RESISTOR CHIP 5.6K OHM $\pm 5\%$ 1/16W
RC16	0790027R	RESISTOR CHIP 180 OHM $\pm 5\%$ 1/16W	RT15	0790054R	RESISTOR CHIP 18K OHM $\pm 5\%$ 1/16W
RC17	0790027R	RESISTOR CHIP 180 OHM $\pm 5\%$ 1/16W	RT16	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
RC18	0790027R	RESISTOR CHIP 180 OHM $\pm 5\%$ 1/16W	RT17	0790054R	RESISTOR CHIP 18K OHM $\pm 5\%$ 1/16W
RC19	0790028R	RESISTOR CHIP 220 OHM $\pm 5\%$ 1/16W	RT18	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
RC20	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RT19	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
RC21	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W	RT20	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
RC23	0790064R	RESISTOR CHIP 100K OHM $\pm 5\%$ 1/16W	RT21	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RC24	0790019R	RESISTOR CHIP 47 OHM $\pm 5\%$ 1/16W	RT22	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RC25	0790027R	RESISTOR CHIP 180 OHM $\pm 5\%$ 1/16W	RT23	0790024R	RESISTOR CHIP 100 OHM $\pm 5\%$ 1/16W
RC26	0790027R	RESISTOR CHIP 180 OHM $\pm 5\%$ 1/16W	RT24	0790051R	RESISTOR CHIP 10K OHM $\pm 5\%$ 1/16W
RC27	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W	RT25	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W
RLL1	AQ00195R	RESISTOR CHIP 1.1K OHM $\pm 1\%$ 1/16W	RT26	0790001R	RESISTOR CHIP 0 OHM $\pm 5\%$ 1/16W

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PRODUCT SAFETY NOTE : Components marked with a  have special characteristics important to safety. Before replacing any of these components, read carefully, the CAUTION FOR SAFETY of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
RT28	0790051R	RESISTOR CHIP 10K OHM +-5% 1/16W	SWVL	EW08432	SWIVEL CORD
RT29	0790051R	RESISTOR CHIP 10K OHM +-5% 1/16W	U001	HL02123	REMOTE CONTROL TRANSMITTER CLE-970
RT30	0790047R	RESISTOR CHIP 5.6K OHM +-5% 1/16W	U1	HA01653	PWB ASS'Y POWER
RT31	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	U101	HC00652	FRONTEND ENG F9306GF
RT32	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W	U102	HC00663	FRONTEND ENG 39A21GF
RT33	AQ00174R	RESISTOR CHIP 180 OHM +-1% 1/16W	U2	CS01001	BRIDGE MEDIA UNIT HCM031 ASS'Y
RT34	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	USB	EW08453	USB CABLE L=670
RT35	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W	X201	BK00193R	CERAMIC FILTER 100MHZ
RT36	0790047R	RESISTOR CHIP 5.6K OHM +-5% 1/16W	X202	BK00193R	CERAMIC FILTER 100MHZ
RT37	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	X203	BK00193R	CERAMIC FILTER 100MHZ
RT38	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W	X204	BK00193R	CERAMIC FILTER 100MHZ
RT39	AQ00174R	RESISTOR CHIP 180 OHM +-1% 1/16W	X205	BK00193R	CERAMIC FILTER 100MHZ
RT40	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	X206	BK00193R	CERAMIC FILTER 100MHZ
RT41	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W	X207	BK00191R	CERAMIC FILTER CHIP
RT42	0790047R	RESISTOR CHIP 5.6K OHM +-5% 1/16W	X208	BK00191R	CERAMIC FILTER CHIP
RT43	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	X209	BK00191R	CERAMIC FILTER CHIP
RT44	AQ00185R	RESISTOR CHIP 470 OHM +-1% 1/16W	X210	BK00191R	CERAMIC FILTER CHIP
RT45	AQ00174R	RESISTOR CHIP 180 OHM +-1% 1/16W	X211	BK00191R	CERAMIC FILTER CHIP
RT46	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	X212	BK00191R	CERAMIC FILTER CHIP
RT47	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W	X213	BK00191R	CERAMIC FILTER CHIP
RT48	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X214	BK00191R	CERAMIC FILTER CHIP
RT49	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X215	BK00191R	CERAMIC FILTER CHIP
RT50	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X216	BK00191R	CERAMIC FILTER CHIP
RT51	0790051R	RESISTOR CHIP 10K OHM +-5% 1/16W	X301	BE00412R	LC FILTER CHIP
RT52	0790024R	RESISTOR CHIP 100 OHM +-5% 1/16W	X302	BE00412R	LC FILTER CHIP
RT53	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W	X350	BK00193R	CERAMIC FILTER 100MHZ
RT54	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W	X351	BK00193R	CERAMIC FILTER 100MHZ
RT55	0790043R	RESISTOR CHIP 2.7K OHM +-5% 1/16W	X401	BL01183R	OSCILLATOR CERAMIC 13.5MHZ
RT56	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X501	BL00791R	OSCILLATOR, CRYSTAL
RT57	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X502	BP00891	CRYSTAL OSCILLATOR 16.2MHZ
RT74	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X601	BL00611R	CERAMIC RESONATOR 512KHZ
RT75	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X602	BL00611R	CERAMIC RESONATOR 512KHZ
RT76	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	X603	BL01441R	CRYSTAL OSCILLATOR 3.58MHZ
RT80	0790037R	RESISTOR CHIP 1K OHM +-5% 1/16W	XN01	BJ00691	HIGH PASS FILTER 4.5MHZ TCV2
RT81	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	XN02	BP01371	CRYSTAL OSCILLATOR 18.432MHZ 3.5L
RT82	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W	XT01	BP01321	CRYSTAL OSCILLATOR 12MHZ
RT83	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT84	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT85	0790064R	RESISTOR CHIP 100K OHM +-5% 1/16W			
RT86	0790064R	RESISTOR CHIP 100K OHM +-5% 1/16W			
RT87	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT88	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT89	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT90	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT91	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT92	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
RT93	0790001R	RESISTOR CHIP 0 OHM +-5% 1/16W			
 S900	FG00251	POWER SWITCH			
SCC1	FB00023R	PUSH SWITCH CHIP			
SCC2	FB00023R	PUSH SWITCH CHIP			
SCC3	FB00023R	PUSH SWITCH CHIP			
SCC4	FB00023R	PUSH SWITCH CHIP			
SCC5	FB00023R	PUSH SWITCH CHIP			
SCC6	FB00023R	PUSH SWITCH CHIP			
SCC7	FB00023R	PUSH SWITCH CHIP			
SPU	GM01661	SPEAKER			

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Digital Media Division